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## TABLES OF THE STATISTICAL DISTRIBUTION OF OCEAN WAVE FORCES and METHODS OF ESTIMATING DRAG AND MASS COEFFICIENTS

by

L. J. Brown and L. E. Borgman



U. S. ARMY COASTAL ENGINEERING RESEARCH CENTER

#### **ABSTRACT**

This paper reviews the statistical distribution of ocean wave forces based on the formulas of earlier investigations. Throughout the paper a Gaussian sea surface is assumed. Tables are presented which give the probability density and distribution function of wave forces, particularly for use with piles and pile structures. The density and distribution function are shown to depend on a single parameter  $\alpha$ . The tables obviate the laborious numerical computations required in previous studies, and are useful to some extent in engineering design. Since the tabulations pertain to very fundamental statistical properties of the forces, it is expected that applicability to design problems will be extended by further investigations.

Five methods for the estimation of  $C_{\rm D}$  and  $C_{\rm M}$  are given; (1) by the method of moments, (2) by least squares fitting of the covariance function, (3) by least squares fitting of the spectral densities, (4) by use of the cross-spectral density between the force and surface profile, and (5) by the method of moments for the case of a steady current. The first four procedures assume a zero current. Several examples utilizing wave forces measured near Davenport, California are given as illustrations of the use of the tables and methods. The method of moments was found to be easiest to apply but the least squares methods appeared to give more consistent and trustworthy results. The frequency-dependent estimates of  $C_{\rm D}$  and  $C_{\rm M}$  determined from cross-spectral analysis lead to highly interesting but as yet unanswered speculations. An appendix lists the relations between the cross-spectral densities of the more frequently encountered wave properties.

#### **FOREWORD**

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#### List of Symbols

```
A(x,y,z,t)
               = *water particle local acceleration, p. 2
               = see p. 21
               = see p. 21
               = C_DWD/2g, p. 2 and p. 8
C_{\overline{D}}
               = drag coefficient, p. 8
               = mass coefficient, p. 8
C_{M}
C_{\chi}(\tau)
               = covariance function of the random variable X, p. 10
C_{XY}^{(\tau)}
               = cross-covariance function of the random variables X and Y, p. 15
               = abbreviation for C_a(\tau_i), p. 13
C_{r_{l}}
               = abbreviation for C_{\Phi}(\tau_i), p. 13
C
c<sub>2</sub>(f)
               = one sided co-spectral density between \eta and \Phi_{\bullet} p. 17
C(f)
               = see p. 18, eq. 3.24
               = pile diameter, p. 8
D
               = special quantity in the computations, p. 13
D
               = special computational quantity, p. 21
D
d
               = water depth, p. 9
               = special quantity in the computations, p. 13
Ε
E[•]
               = Expectation operator, appendix C
F[·]
               = Fourier transform operator, p. 11, 12
F_{X}(x)
               = distribution function of the random variable X, p. 5
f_{\chi}(x)
               = probability density function of the random variable X, p. 5
               = frequency in cycles/second, p. 11
f(u)
               = arbitrary functions in a definition, p. 12
```

```
= abbreviation for G(C_v(\tau_i)/\sigma^2), p. 13
G
                 = \frac{1}{\pi} [2 + 4r^2) \sin^{-1} r + 6r \sqrt{1-r^2}], p. 11
G(r)
                  = acceleration due to gravity, p. 8
g
                  = arbitrary function in a definition, p. 12
g(u)
                  = C_M WD^2 \pi/4g, p. 2 and p. 8
K
                  = wave number, p. 9
                  = abbreviation for F[G(C_v(\tau_i)/\sigma^2)]\Big|_{f=f_i}, p. 13
m(x,y,z,t)
                  = *mean current velocity, p. 3
                  = number of measurements of \Phi, p. 8 and p. 22
                  = \int_{-\infty}^{\gamma} Z(y) dy, p. 21
P(Y)
P<sub>X</sub>(f)
                  = spectral density of X, p. 8 and p, 11
P<sub>XY</sub>(f)
                  ⇒ cross spectral density of X and Y, appendix C
                  = abbreviation for P_{\Phi}(f_i), p. 13
PΦ
                  = abbreviation for P_a(f_i), p. 13
                  = see p. 9 and table IV
\bar{Q}(f)
                  = see p. 18, eq. 3.24
                  = see p. 11, 12
Q_{\mathbf{v}}, Q_{\mathbf{a}}
q<sub>2</sub>(f)
                  = one sided quad-spectral density between \eta and \Phi, p. 17
                  = see p. 9 and table IV
R_1(\gamma,\alpha/\gamma) = (\bar{\phi})^2/\bar{\phi}^2, p. 22 and table V
R_2(\gamma,\alpha/\gamma) = \sqrt{6}^2/\sqrt{6}^4, p. 22 and table VI
```

= argument of the function G(r), p. 11

= see p. 9 and table IV

= correlation coefficient between X and Y, p. 14

U(a,x),V(a,x) = parabolic cylinder functions, p. 5

V(x,y,z,t) = \*water particle local velocity, p. 2

v = a realization of the random variable, V, p. 14

W = specific weight of water, p. 8

W = an arbitrary random variable symbol, p. 14

x = an arbitrary random variable, p. 4

x = a realization of the random variable, X, p. 4

 $Y = \Phi/\rho K, p. 5$ 

y = a realization of the random variable Y

 $z = Y / \sqrt{\frac{3}{4\alpha^2} + 1}$ , p. 6

z = a realization of the random variable Z

 $Z(Y) = \frac{1}{\sqrt{2\pi}} e^{-\sqrt{2}/2}$ , p. 21

z = height above bottom at which force measured, p. 9

 $\alpha = \rho K/2C\sigma^2, p. 5$ 

 $\gamma = m/\sigma, p. 21$ 

 $\Delta$  = spatial separation between force and surface profile, p. 16

 $\eta(x,y,t)$  = \*surface profile, p. 8

 $\mu_c$  = expectation of X, p. 14

 $\mu_{.}$  = expectation of Y, p. 14

 $\pi = 3.14159\cdots$ 

 $p^2$  = \*variance of the acceleration, p. 3

 $\sigma^2$  = \*variance of the velocity, p. 3

 $\sigma_{\rm c}$  = standard deviation of X, p. 14

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#### Abstract

This paper reviews the statistical distribution of ocean wave forces from Borgman (1965), based on the Morrison type formula, Weigel (1964), and gives tables of the probability density and distribution function of wave forces. A Gaussian sea surface is assumed throughout the paper. The density and distribution function are shown to depend on a single parameter  $\alpha$ . The tables obviate the laborious numerical computations required in previous studies, Pierson and Holmes (1965).

Five methods for the estimation of C<sub>D</sub> and C<sub>M</sub> are given; (1) by the method of moments, (2) by least squares fitting of the covariance function, (3) by least square fitting of the spectral densities, (4) by the use of the cross-spectral density between the force and surface profile and (5) by the method of moments for the case where a steady current is present. The first four procedures assume a zero current. Several examples utilizing wave forces measured near Davenport, California (Weigel (1957)) are given as illustrations of the use of the tables and methods. The method of moments was found to be easiest to apply but the least square methods appeared

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to give more consistent and trustworthy results. The frequency-dependent estimates of  $C_D$  and  $C_M$  determined from cross-spectral analysis lead to highly interesting but as yet unanswered speculations. In an appendix are listed the relations between the cross-spectral densities of the more frequently encountered wave properties.

#### 1. Introduction

A statistical theory for the force on a submerged object, caused by ocean waves has been developed by Pierson (1963), Pierson and Holmes (1965), and Borgman (1965). The basic underlying assumptions for the theory are that: (a) the sea surface is a stationary, Gaussian stochastic process, Pierson (1954), and (b) the force is determined by the conventional engineering formula (Wiegel, 1964, p. 250)

$$\Phi = C|V|V + KA \tag{1.1}$$

where

V = water particle velocity

and

A = water particle local acceleration .

Both V and A are taken to be the values that would be present at the position of the object if the object were not there.

The theory developed by Borgman is somewhat more general, with the assumption (a') V and A are a two-component Gaussian (not necessarily sta-

tionary) stochastic process over the space and time coordinates, (b') at a fixed space position, (x,y,z), and instant in time, t, the random variables V and A are independent with means m(x,y,z,t) and 0, respectively, and variances  $\sigma^2(x,y,z,t)$  and  $\rho^2(x,y,z,t)$ , respectively, and (c') the force formula given by (1.1) holds. However, in the analysis of data this degree of generality is not required and in the following stationarity will be assumed.

If the random sea is stationary in x, y, and t, and if the force is being considered at a fixed value of z, then the variances of the velocity and acceleration at that value of z will be specified by  $\sigma^2$  and  $\rho^2$ , respectively. The arguments are understood, but not written.

To facilitate the comparison of the theory with data, a number of tables have been computed. These include the probability density and distribution function for a normed version of the force  $\Phi$ , various tables simplifying the determination of parameters by the method of moments, and certain functions arising in the computation of the covariance and spectral density of the force.

The tables are also useful to some extent in engineering des'gn. Since the tabulations pertain to very fundamental statistical properties of the forces, it is expected that their applicability to design problems will be extended by further investigations.

The ultimate usefulness of the statistical relations and tables presented is difficult to evaluate, although preliminary indications are favorable. The importance of the assumptions and approximations involved in the statistical model can really only be tested against an extensive array of data. Hence the complete answer will have to await the availability of reliable wave force data measured in a wide range of random sea conditions.

### 2. The Probability Density and Distribution

#### Function of Wave Forces

Let X be a random variable. The distribution function of X,  $F_X(x)$ , is defined to be the probability that the random variable X is less than or equal to x.

$$F_X(x) = P[X \le x]$$

If X is a continuous random variable, (that is in some interval X could conceivably take any value there), then under most circumstances X possesses a probability density function,  $f_X(x)$ , defined by

$$F_X(x) = \int_{-\infty}^{x} f_X(t)dt$$
 or  $f_X(x) = \frac{d}{dx} F_X(x)$ .

Intuitively  $f_X(x) \cdot dx$  is the probability that X falls in a small interval of length dx about x.

One particular example is the normal or Gaussian probability law, which has probability density function

$$f_{X}(x) = \frac{1}{\sqrt{2\pi\sigma^2}} e^{-\frac{1}{2}\left(\frac{x-m}{\sigma}\right)^2}$$

m is called the mean of X and  $\sigma^2$  the variance of X. In general we have

m = mean of 
$$X = \int_{-\infty}^{\infty} x f_X(x) dx$$
  
variance of  $X = \int_{-\infty}^{\infty} (x-m)^2 f_X(x) dx$ 

This says that m is the "average" value of X, and  $\sigma^2$  is the "average" square deviation from the mean.

Let V and A be independent and normally distributed with means zero and variances  $\sigma^2$  and  $\rho^2,$  respectively. Then the random variable

$$Y = \frac{\Phi}{\rho K} = \frac{CV |V| + KA}{\rho K}$$
$$= \frac{C}{\rho K} V |V| + \frac{A}{\rho}$$
(2.1)

has a probability density (Borgman, 1965, eq. 4.7)

$$f_{Y}(y) = \sqrt{\frac{\alpha}{8\pi}} e^{-y^{2}/2} \left\{ e^{-(\frac{\alpha+y}{4})^{2}} U(0, \alpha+y) + e^{-(\frac{\alpha-y}{4})^{2}} U(0, \alpha-y) \right\}$$
 (2.2)

where

$$\alpha = \frac{\rho K}{2C\sigma^2} \tag{2.3}$$

and U(0,x) is one of the parabolic cylinder functions U(a,x) and V(a,x) tabled by Miller (1964).

In tables of the parabolic cylinder functions the second argument is positive, but for our special case this can be avoided since  $U(0,-x)=\sqrt{\pi}V(0,x)$ . The variance of Y (Borgman, 1965, eq. 4.22) is

$$var Y = \frac{3}{4\alpha^2} + 1$$
 (2.4)

Hence the random variable

$$Z = Y / \sqrt{\frac{3}{4\alpha^2} + 1}$$
 (2.5)

will have mean zero and variance 1.0. The variable Z also has stable limits as  $\alpha$  tends to zero and infinity (Borgman, 1965, eqs. 4.27 and 4.28). Let  $f_7(z)$  be the probability density of Z. Then

$$f_Z(z) = \sqrt{\frac{3}{4\alpha^2} + 1} \cdot f_Y(Z\sqrt{\frac{3}{4\alpha^2} + 1})$$
 (2.6)

$$\lim_{\alpha \to 0} f_{Z}(z) = 3^{1/4} (8\pi)^{-1/2} |z|^{-1/2} \exp[-3^{1/2} |z| /2]$$
 (2.7)

$$\lim_{\alpha \to \infty} f_Z(z) = (2\pi)^{-\frac{1}{2}} \exp \left[-z^2/2\right]$$
 (2.8)
(i.e., standard normal).

Thus the probability density and distribution function of Z are easier to tabulate than the corresponding functions for Y and are given in Appendix A and B, respectively. Each page gives the values for a different  $\alpha$ . The first two digits of z are shown in the left-hand column of the table and the column headings give the third digit of z. As an example, if  $\alpha = .26$ , then

$$f_Z(2.66) = .016$$

$$F_Z(2.66) = .985$$
.

The functions for Z can be converted to functions for  $\Phi$  by the transformations

$$f_{\Phi}(\phi) = \left(2\alpha/\rho K \sqrt{4\alpha^2 + 3}\right) f_{Z} \left(2\alpha\phi/\rho K \sqrt{4\alpha^2 + 3}\right)$$
 (2.9)

$$F_{\Phi}(\phi) = F_{Z}\left(2\alpha\phi/\rho K\sqrt{4\alpha^{2}+3}\right). \qquad (2.10)$$

For example, if  $\alpha = .60$  and  $\rho k = .50$  then

$$\frac{2\alpha}{\rho K \sqrt{4\alpha^2 + 3}} = \frac{2(.60)}{(.50)\sqrt{4(.60)^2 + 3}} = \frac{1.20}{(.5)\sqrt{4.44}} = 1.14$$

and

$$f_{\tilde{\Phi}}(2.0) = 1.14 f_{Z}[(1.14)(2.0)] = 1.14 f_{Z}(2.28)$$
  
= 1.14(0.024) = .027  
 $F_{\tilde{\Phi}}(2.0) = F_{Z}(2.28) = .981$ 

#### 3. Estimation of Coefficients for m = 0

#### a. Parameter Estimation by the Method of Moments

Under the assumptions of section 2, the theoretical force moments are given by (Borgman, 1965, 4.21-3)

$$E[\Phi] = E[\Phi^{3}] = 0^{*}$$

$$E[\Phi^{2}] = \rho^{2}K^{2} + 3C^{2}\sigma^{4}$$

$$E[\Phi^{4}] = 3(\rho^{4}K^{4} + 6C^{2}\sigma^{4}\rho^{2}K^{2} + 35C^{4}\sigma^{8})$$
(3.1)

<sup>\*</sup>For an explanation of the operator E[·] see Appendix C.

In order to estimate  $\rho^2 K^2$  and  $C^2 \sigma^4$ , the second and fourth central sample moments,  $\frac{1}{2} \sqrt{2}$  and  $\frac{1}{2} \sqrt{4}$ , are equated to the corresponding theoretical moments. The solution of the resulting equations is,

$$c^{2}\sigma^{4} = \{ [\vec{\phi}^{4} - 3(\vec{\phi}^{2})^{2}]/78 \}^{1/2}$$

$$\rho^{2}\kappa^{2} = \vec{\phi}^{2} - 3c^{2}\sigma^{4}$$
(3.2)

and

$$\alpha = [\rho^2 \kappa^2 / 4c^2 \sigma^4]^{1/2}$$

where  $\hat{a} = b$  means that b is an estimate of a.

If  $\rho$  and  $\sigma$  can be determined, then (3.2) can be used to estimate  $C_{\mbox{\scriptsize D}}$  and  $C_{\mbox{\scriptsize M}}$  through the equations

$$C = C_D WD/2g$$

$$K = C_M WD^2 \pi/4g$$

where

W = specific weight of water
g = acceleration of gravity
D = pile diameter.

The spectral density,  $P_{\eta}(f)$  of the sea surface profile as determined by the methods of Blackman and Tukey (1959, p. 52-4) provides a starting place for approximating  $\rho$  and  $\sigma$ .

where 
$$\phi = \sum_{i=1}^{N} \phi_i/N$$
.

<sup>\*</sup> If  $\phi_1, \phi_2, \cdots, \phi_n$  is a sample, the central sample moments are defined by  $\overline{\phi^2} = \sum_{i=1}^{N} (\phi_i - \overline{\phi})^2 / N$  and  $\overline{\phi^4} = \sum_{i=1}^{N} (\phi_i - \overline{\phi})^4 / N$ 

From Appendix C

$$\sigma^2 = 2 \int_0^\infty \frac{\omega^2 \cosh^2 kz}{\sinh^2 kd} P_{\eta}(f) df \qquad (\omega = 2\pi f)$$

and

$$\rho^2 = 2 \int_0^\infty \frac{\omega^4 \cosh^2 kz}{\sinh^2 kd} P_{\eta}(f) df \qquad (3.3)$$

where k is the solution of the equation

$$\omega^2 = g k \tanh kd$$

and

d = water depth

z =height of the instrument above the sea floor.

Thus  $\rho^2$  and  $\sigma^2$  as well as  $\boldsymbol{C}_D$  and  $\boldsymbol{C}_M$  may be estimated.

In order to ease the calculations several intermediate quantities have been tabulated. These are

$$Q = \overline{\phi^4} / (\overline{\phi^2})^2$$

$$R = 1/(4\alpha^2 + 3)$$

$$T = 4\alpha^2 / (4\alpha^2 + 3)$$

After calculating Q one reads the corresponding values of  $\alpha$ , R and T from Table IV of Appendix D. Then

$$\rho^{2}K^{2} = \overline{\phi^{2}} \cdot T$$

$$C^{2}\sigma^{4} = \overline{\phi^{2}} \cdot R$$

As an example suppose  $\sqrt{6^2} = 1.50$  and  $\sqrt{6^4} = 20.00$ , then  $Q = 20.00/(1.5)^2 = 8.89$ .

Entering the table we obtain  $\alpha$  = .40, T = .176, R = .2747 and hence

# b. <u>Least Squares Estimation of CD and CM</u> by Spectra or Covariance Fitting

Let V(t) and A(t) be stationary, real, mean zero, Gaussian stochastic processes with covariance mataix

$$E\begin{bmatrix} \begin{pmatrix} V(t) \\ A(t) \end{pmatrix} & (V(t+\tau), A(t+\tau)) \end{bmatrix} = \begin{pmatrix} C_{\mathbf{v}}(\tau) & C_{\mathbf{v}a}(\tau) \\ C_{\mathbf{q}\mathbf{v}}(\tau) & C_{\mathbf{q}}(\tau) \end{pmatrix}$$
(3.4)

and var  $V = \sigma^2$  and var  $A = \rho^2$ . (Note: By stationarity,  $C_{va}(\tau) = C_{av}(-\tau)$ . Furthermore, by Borgman, (1965, eq. 3.3),  $C_{va}(\tau) = -C_{av}(\tau)$ .)

Then if the force  $\Phi(t)$  is given by (1.1), the covariance function of  $\Phi$  is given by Borgman, (1965, eq. 6.2). After simplifications for the case Y=0 and  $C_{va}(\tau)\approx -C_{av}(\tau)$ 

$$C_{\phi}(\tau) = C^2 \sigma^4 G(C_{v}(\tau)/\sigma^2) + K^2 C_{a}(\tau)$$
 (3.5)

$$C_{\delta}(\tau) = E[\phi(t)\phi(t+\tau)].$$

That is, the average lagged product of the deviations from the mean (here mean of  $\phi(t) = 0$ ).

<sup>\*</sup>In the notation of appendix C

where

$$G(r) = \frac{1}{\pi} [(2+4r^2)\sin^{-1}r + 6r\sqrt{1-r^2}]$$
 (3.6)

Taking the Fourier transform of (3.5) yields a corresponding relationship among the spectral densities.

$$P_{\sigma}(f) = C^2 \sigma^4 F[G(C_v(\tau)/\sigma^2)] + K^2 P_a(f)$$
 (3.7)

where  $P_{\bar{\Phi}}$  and  $P_{\bar{a}}$  are the force and accelerations spectral densities, respectively, and F indicates the Fourier transform.

Equations (3.5) and (3.7) are the fundamental relations that allow us to fit C and K.

From simultaneous records of forces  $\Phi$  and surface profile  $\Pi$  the covariance functions  $C_{\bar{\Phi}}$  and  $C_{\bar{\eta}}$  and spectral densities  $P_{\bar{\Phi}}$  and  $P_{\bar{\eta}}$  can be estimated in the usual manner (Blackman and Tukey).

From Appendix C

$$P_{\mathbf{v}}(f) = \frac{\omega^2 \cosh^2 kz}{\sinh^2 kd} P_{\eta}(f)$$
 (3.8)

and

$$P_{a}(f) = \frac{\omega^{4} \cosh^{2} kz}{\sinh^{2} kd} P_{\eta}(f)$$
 (3.7)

It will be assumed that  $P_{\eta}(f)$  decreases to zero sufficiently fast as f grows increasingly large so that the multiplier of  $P_{\eta}(f)$  in (3.8) and (3.9) can be replaced by zero for f very large (say greater than  $f_{0}$ ). Let

$$Q_{v} = \begin{cases} \omega^{2} \cosh^{2} kz / \sinh^{2} kd & \text{if } f \leq f_{o} \\ 0 & \text{if } f > f_{o} \end{cases}$$

$$Q_{a} = \begin{cases} w^{4} \cosh^{2} kz / \sinh^{2} kd & \text{if } f \leq f_{o} \\ 0 & \text{if } f > f_{o} \end{cases}$$

Then, to all intents and purposes,

$$P_{v}(f) = Q_{v}(f) P_{\eta}(f)$$
 (3.8')

$$P_{a}(f) = Q_{a}(f) P_{n}(f)$$
 (3.9')

Taking the Fourier transform of (3.8') and (3.9') and making use of the convolution property of Fourier transforms (i.e.,  $F[f \cdot g] = F[f] * F[g]$ )
(Bracewell, 1965, p. 110)

$$C_{v}(\tau) = F[Q_{v}(f)] * C_{\eta}(\tau)$$
 (3.10)

and

$$C_{\mathbf{a}}(\tau) = F[Q_{\mathbf{a}}(f)] * C_{\eta}(\tau)$$
 (3.11)

Note that the first term on the right-hand side of (3.10) and (3.11) is a deterministic function of  $\tau$ .

Since  $C_{\mathbf{v}}(0) = \sigma^2$  and  $C_{\varepsilon}(0) = \rho^2$ , all of the quantities in equations (3.5) and (3.7) are known except C and K which it is desired to estimate.

Using (3.5) and the least squares principle of estimation, we minimize

$$\sum_{\mathbf{i}} \left[ C_{\underline{\phi}}(\tau_{\mathbf{i}}) - C^2 \sigma^4 G(C_{\mathbf{v}}(\tau_{\mathbf{i}})/\sigma^2) - K^2 C_{\mathbf{a}}(\tau_{\mathbf{i}}) \right]^2.$$

Differentiating with respect to  $\text{C}^2$  and  $\text{K}^2$  and solving the two equations in two unknowns yields the solutions

$$f(u)* g(u) = \int_{-\infty}^{\infty} f(u-t)g(t)dt$$
.

<sup>\*</sup>The convolution of two functions f(x) and g(x) is defined to be

$$c^{2} = \{ [\Sigma c_{\mathbf{a}}^{2}][\Sigma c_{\Phi} G] - [\Sigma c_{\mathbf{a}} G][\Sigma c_{\Phi} c_{\mathbf{a}}] \} / \sigma^{4} D$$
 (3.12)

and

$$\kappa^{2} = \{ [\Sigma G^{2}][\Sigma C_{\Phi}C_{\mathbf{a}}] - [\Sigma C_{\mathbf{a}}G][\Sigma C_{\Phi}G] \}/D$$
 (3.13)

where

$$D = \{ [\Sigma G^2] [\Sigma C_a^2] - [\Sigma C_a G]^2 \}$$

and  $C_a$ ,  $C_{\bar{\Phi}}$ , G are shorthand for  $C_a(\tau_i)$ ,  $C_{\bar{\Phi}}(\tau_i)$  and  $G(C_v(\tau_i)/\sigma^2)$ , respectively. Using (3.7) and minimizing

$$\sum_{i} [P_{\Phi}(f_{i}) - C^{2} \sigma^{4} F[G(C_{v}(\tau_{i})/\sigma^{2})] - K^{2} P_{a}(f_{i})]^{2}$$

in a similar manner the solutions

$$c^{2} = \{ [\Sigma P_{\underline{a}}^{2}] [\Sigma P_{\underline{\Phi}} M] - [\Sigma P_{\underline{a}} M] [\Sigma P_{\underline{\Phi}} P_{\underline{a}}] \} / \sigma^{4} E$$
 (3.14)

$$\kappa^{2} = \{ [\Sigma M^{2}] [\Sigma P_{\Phi} P_{\mathbf{a}}] - [\Sigma P_{\mathbf{a}} M] [\Sigma P_{\Phi} M] \} / E$$
 (3.15)

may be obtained where  $E = \{ [\Sigma M^2] [\Sigma P_a^2] - [\Sigma M P_a]^2 \}$  and  $P_a$ ,  $P_{\bar{\Phi}}$ , M are shorthand for  $P_a(f_i)$ ,  $P_{\bar{\Phi}}(f_i)$  and  $F[G(C_v(\tau_i)/\sigma^2)]|_{f=f_i}$ , respectively.

Both of these methods have been used quite successfully. The values of  $C_D$  and  $C_M$  obtained by spectral density and covariance fitting are quite consistent  $(\pm\ 5\%)$  and also agree well with the method of moments estimators (see §5).

#### c. Cross Spectral Estimation of C and K

In the usual statistical theory for ocean waves,  $V(t_1)$ ,  $A(t_2)$  and the surface profile  $\eta(t_3)$  have a multivariate Gaussian distribution. This can be used to obtain the covariance between the force  $\Phi$  and the sea surface elevations,  $\eta(t)$ , as measured from mean water level.

By Mood and Graybill (1963, theorem 9.3), if two random variables X and Y have a bivariate Gaussian probability distribution, the conditional expectation of X, given a particular value of Y as having been observed, is  $\mu_{\rm X} + (r\sigma_{\rm X}/\sigma_{\rm y})(y-\mu_{\rm y})$ . In this expression,  $\mu_{\rm X}$  and  $\mu_{\rm y}$  are the expectations of X and Y, respectively, and  $\sigma_{\rm X}$  and  $\sigma_{\rm y}$  are the corresponding standard deviations of X and Y. The symbol r denotes the correlation coefficient which is defined as

$$r = \frac{\text{covariance } (X, v)}{\sigma_{X} \sigma_{V}}$$

In terms of the notation in the present paper as applied to X= $\eta$  and Y=V(t), one would have  $\mu_x = \mu_\eta = 0$ ,  $\mu_y = \mu_v = 0$ ,  $\sigma_y = \sigma_v = \sigma$ ,  $\sigma_x = \sigma_\eta$ ,  $r = C_{\eta v}/(\sigma \sigma_\eta)$  and the conditional expectation of  $\eta$  given V would be  $(C_{\eta v} \sigma_\eta) V/\sigma^2 \sigma_\eta$  or  $(C_{\eta v} V)/\sigma^2$ . This will be used in the derivation below. Another property that will also be utilized is (Mood and Graybill, op. cit., theorem 5.8)

$$E(W) = E[E(W|Y)].$$

This will be applied with  $W = \prod V |V|$ . Hence

$$E(\eta V|V|) = E[E(\eta V|V||V)]$$

$$= E[V|V|E(\eta|V)]$$

$$= E[V|V|C_{\eta V}V/\sigma^{2}]$$

$$= (C_{\eta V}/\sigma^{2})E[V^{2}|V|]$$
(3.16)

For a Gaussian random variable with mean zero and variance  $\sigma^2$ 

$$E[v^2|V|] = 2 \int_{0}^{\infty} \frac{v^3 e^{-v^2/2\sigma^2}}{\sqrt{2\pi \sigma}} dv$$
.

After integration by parts, this reduces to

$$E[V^{2}|V|] = 4\sigma^{3}/\sqrt{2\pi}$$
.

Substituting this into (3.16) gives

$$E(\eta V | V |) = \sqrt{(8\sigma^2/\pi)} \quad C_{\eta V}$$

The above results can be used to obtain the cross-covariance between  $\Phi$  and  $\eta$ .

$$C_{\eta \, \bar{\phi}}(\tau) = E[\eta(t) \bar{\phi}(t+\tau)]$$

$$= C E[\eta(t) V(t+\tau) |V(t+\tau)|] + K E[\eta(t) A(t+\tau)]$$

$$= C \sqrt{(8\sigma^2/\pi)} C_{\eta v}(\tau) + K C_{\eta a}(\tau) . \qquad (3.17)$$

The use of this relationship requires knowledge of  $c_{\eta \mathbf{v}}$  and  $c_{\eta \mathbf{a}}$  . One

method of deriving  $C_{\eta v}$  and  $C_{\eta a}$  is through the quasi-integral representations of Tukey and Pierson (Kinsman, 1965, p. 377) for V, A and  $\eta$ ;

$$\eta(x_1, t_1) = 2 \int_0^{\infty} \sqrt{P_{\eta}(f) df} \cos(kx_1 - \omega t_1 + \psi)$$

$$V(x_2, z_2, t_2) = 2 \int_0^{\infty} \sqrt{P_{v}(f) df} \cos(kx_2 - \omega t_2 + \psi)$$

$$A(x_2, z_2, t_2) = 2 \int_0^{\infty} \sqrt{P_{a}(f) df} \sin(kx_2 - \omega t_2 + \psi)$$
(3.18)

where  $\psi$  is a random phase uniformly distributed over (0,  $2\pi)$  and  $P_{\eta}$  ,  $P_{v}$  ,  $P_{a}$  are the appropriate spectral densities. Also  $\omega$  =  $2\pi f$  .

Let

$$t_2 - t_1 = \tau$$
,  $x_2 - x_1 = \Delta$  and  $z_1 = z_2 = z$ .

Then, using (3.18),

$$C_{\eta \mathbf{v}}(\tau) = \mathbb{E}[\eta(\mathbf{x}_1, \mathbf{t}) \ V(\mathbf{x}_2, \mathbf{z}, \mathbf{t}_2)]$$

$$= 4 \int_{0}^{\infty} P_{\eta}(f) P_{\mathbf{v}}(f) \ \mathbb{E}[\cos(k\mathbf{x}_1 - \omega \mathbf{t}_1 + \psi) \cos(k\mathbf{x}_2 - \omega \mathbf{t}_2 + \psi)] df$$

$$= 2 \int_{0}^{\infty} P_{\eta}(f) P_{\mathbf{v}}(f) \cos(k\Delta - \omega \tau) df$$

$$= 2 \int_{0}^{\infty} P_{\eta}(f) P_{\mathbf{v}}(f) \{\cos k\Delta \cos \omega \tau + \sin k\Delta \sin \omega \tau\} df . \quad (3.19)$$

Similarly,

$$C_{\eta a}(\tau) = E[\eta(x_1, t) A(x_2, z, t_2)]$$

$$= 2 \int_{0}^{\infty} P_{\eta}(f) P_{a}(f) \{ \sin k\Delta \cos \omega \tau - \cos k\Delta \sin \omega \tau \} df \qquad (3.20)$$

using (3.19) and (3.20) in (3.17) finally gives

$$C_{\eta \Phi}(\tau) = 2 \int_{0}^{\infty} \left\{ C \sqrt{\frac{8\sigma^{2}}{\pi}} \sqrt{P_{\eta} P_{v}} \cos k\Delta + K \sqrt{P_{\eta} P_{a}} \sin k\Delta \right\} \cos \omega \tau df$$

$$+ 2 \int_{0}^{\infty} \left\{ C \sqrt{\frac{8\sigma^{2}}{\pi}} \sqrt{P_{\eta} P_{v}} \sin k\Delta - K \sqrt{P_{\eta} P_{a}} \cos k\Delta \right\} \sin \omega \tau df. (3.21)$$

But the cross spectral representation of  $c_{\eta \Phi}$  is

$$C_{\eta \bar{\Phi}}(\tau) = 2 \int_{0}^{\infty} c_{2}(f) \cos \omega \tau \ df + 2 \int_{0}^{\infty} q_{2}(f) \sin \omega \tau \ df$$
 (3.22)

where  $c_2(f)$  and  $q_2(f)$  are the co- and quadrature spectral densities between  $\eta$  and  $\Phi$  and are given by the inverse relations

$$c_{2}(f) = \int_{0}^{\infty} [C_{\eta \Phi}(\tau) + C_{\eta \Phi}(-\tau)] \cos \omega \tau d\tau$$

$$q_{2}(f) = \int_{0}^{\infty} [C_{\eta \Phi}(\tau) - C_{\eta \Phi}(-\tau)] \sin \omega \tau d\tau \qquad (3.23)$$

By inspection of (3.21) and (3.22) we see that

<sup>\*</sup>See Appendix C.

$$c_2(f) = C\sqrt{\frac{8\sigma^2}{\pi}}\sqrt{P_{\eta}P_{v}}\cos k\Delta + K\sqrt{P_{\eta}P_{a}}\sin k\Delta$$

$$q_2(f) = C\sqrt{\frac{8\sigma^2}{\pi}}\sqrt{P_{\eta}P_{v}} \sin k\Delta - K\sqrt{P_{\eta}P_{a}} \cos k\Delta$$

Define

$$\overline{C}(f) = c_2(f) \sinh kd/[P_{\eta}(f) \omega \cosh kz]$$

$$\overline{Q}(f) = q_2(f) \sinh kd/[P_{\eta}(f) \omega \cosh kz] \qquad (3.24)$$

and use the formulas in Appendix C for  $P_{\mbox{\bf V}_{\mbox{\bf X}}}$  and  $P_{\mbox{\bf A}_{\mbox{\bf X}}}$  in terms of  $P_{\mbox{\bf \eta}}$  to obtain:

$$\bar{C}(f) = C\sqrt{\frac{8\sigma^2}{\pi}} \cos k\Delta + 2K\pi f \sin k\Delta$$

$$\bar{Q}(f) = C\sqrt{\frac{8\sigma^2}{\pi}} \sin k\Delta - 2K\pi f \cos k\Delta \qquad (3.25)$$

Solving for C and K

$$\hat{C} = \sqrt{\frac{\pi}{8\sigma^2}} \left\{ \cos k\Delta \ \overline{C}(f) + \sin k\Delta \ \overline{Q}(f) \right\}$$
 (3.26)

$$\hat{K} = \frac{1}{\omega} \left\{ \sin k\Delta \ \overline{C}(f) - \cos k\Delta \ \overline{Q}(f) \right\}. \tag{3.27}$$

Notice that these are estimates of C and K as functions of frequency.

If  $\Delta=0$ , that is if the forces and surface profile records are recorded at the same point, then

$$C = \sqrt{\frac{\pi}{8\sigma^2}} \, \bar{C}(f) \tag{3.28}$$

$$K = \frac{-1}{m} \bar{Q}(f) \tag{3.29}$$

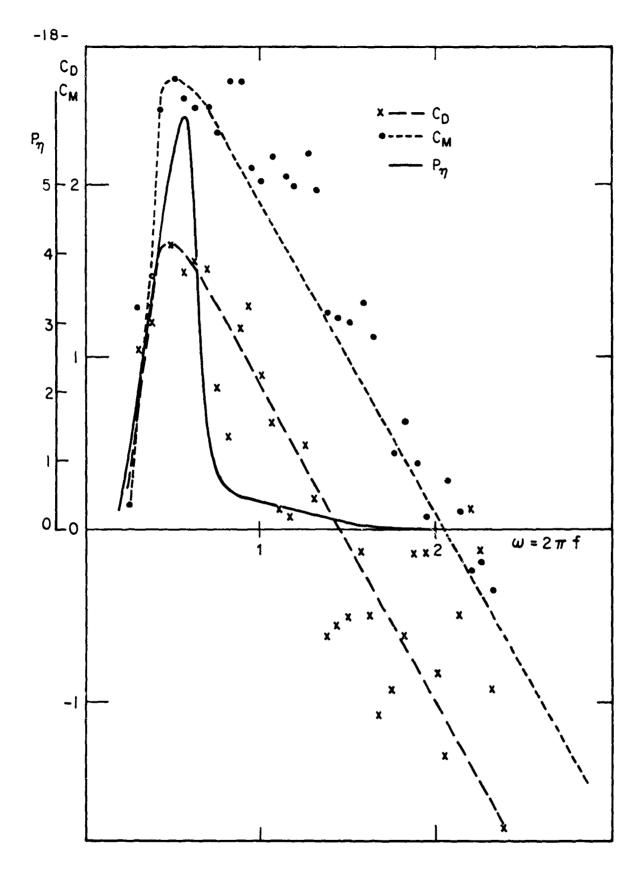


FIG. I FREQUENCY DEPENDENT VALUES OF  $C_{\mathrm{D}}$  AND  $C_{\mathrm{M}}$  FROM ROLL IO

The following example is from roll 10 of the wave and force records taken at Davenport, California, on November 5, 1953. (d = 49 feet, z = 42.7 feet,  $\Delta$  = 20 feet.)

On the accompanying graph the value of  $C_D$  and  $C_M$  obtained by this method are plotted along with the spectral density of the surface profile. As can readily be seen,  $C_D$  and  $C_M$  exhibit a distinct tendency to be functions of frequency.

Most of the energy is limited to the interval .4 <  $\omega$  < .7 and in this interval  $C_D \approx 1.5$  and  $C_M \approx 2.4$  both being relatively constant. From a practical standpoint this should make the assumption that  $C_D$  and  $C_M$  are constants a little more comfortable.

An explanation of all the features of  $C_D$  and  $C_M$  as functions of frequency is difficult at this time and will have to be postponed for future investigation. About all that can be said is that the cross-spectral method gives another way to view the determination of  $C_D$  and  $C_M$  and raises very intriguing questions.

#### 4. Estimation of Coefficients for m # 0

If the mean flow is not zero, that is  $m(x,y,z,t) \neq 0$ , then the probability density function of  $Y = \Phi/\rho k$  is (Borgman, 1965, eq. 4.2).

$$f_{Y}(y) = \sqrt{\frac{\alpha}{2\pi^{2}}} e^{-(\gamma^{2}+y^{2})/2} \int_{0}^{\infty} \frac{e^{-\alpha s-s^{2}/2}}{\cosh(\sqrt{2\alpha s} + ys)ds}$$
 (4.1)

where

$$\alpha = \rho k/2c\sigma^2 \tag{4.2}$$

$$\chi = m/\sigma \tag{4.3}$$

Note that this is a density at the point-time (x,y,z,t) and is in general a function of those arguments through m = m(x,y,z,t),  $\sigma^2 = \sigma^2(x,y,z,t)$ , etc.

From this density it is possible to derive the moment generating function and the first four non-central moments. This is done by Borgman (1965, eq. 4.17-4.20).

$$E[Y] = [YZ(Y) + (Y^2+1)P(Y)]/\alpha$$
 (4.4)

$$E[Y^{2}] = [(\chi^{4} + 6\chi^{2} + 3)/4\alpha^{2}] + 1$$
 (4.5)

$$E[Y^{3}] = \frac{\gamma Z(\gamma)}{4} \left[ \frac{\gamma^{4} + 14\gamma^{2} + 33}{\alpha^{3}} + \frac{12}{\alpha} \right] + \left[ \frac{\gamma^{6} + 15\gamma^{4} + 45\gamma^{2} + 15}{4\alpha^{3}} + \frac{3(\gamma^{2} + 1)}{\alpha} \right] P(\gamma) \quad (4.5)$$

$$E[Y^{4}] = \frac{\gamma^{8} + 28\gamma^{6} + 210\gamma^{4} + 420\gamma^{2} + 105}{16\alpha^{4}} + \frac{3(\gamma^{4} + 6\gamma^{2} + 3)}{2\alpha^{2}} + 3$$
 (4.6)

where

$$Z(\gamma) = \frac{1}{\sqrt{2\pi}} e^{-\gamma^2/2}$$
 and  $P(\gamma) = \int_0^{\gamma} Z(y) dy$ .

Suppose that

$$A = A(\Upsilon) = \Upsilon Z(\Upsilon) + (\Upsilon^{2}+1)P(\Upsilon)$$

$$B = B(\Upsilon) = (\Upsilon^{4}+6\Upsilon^{2}+3)/4$$

$$D = (\Upsilon^{8}+28\Upsilon^{6}+210\Upsilon^{4}+420\Upsilon^{2}+105)/16$$

In order to proceed by the method of moments m,  $\sigma^2$  and  $\rho^2$  must be assumed to be constant with respect to t. Equating sample and theoretical

moments yields the following system of equations.\*

$$\alpha \bar{\rho}/\rho K = A \tag{4.7}$$

$$\alpha^{2} \overline{\rho^{2}} / \rho^{2} K^{2} = B + \alpha^{2}$$
 (4.8)

$$\alpha^{4} \sqrt{4} / \rho^{4} K^{4} = D + 6B\alpha^{2} + 3\alpha^{4}$$
 (4.9)

Then

$$R_1(Y, \frac{\alpha}{V}) = (\bar{\phi})^2/\bar{\phi}^2 = A^2/(B+\alpha^2)$$
 (4.10)

$$R_2(\gamma, \frac{\alpha}{\gamma}) = (\overline{\phi^2})^2/\overline{\phi^4} = (B+\alpha^2)^2/(D+6B\alpha^2+3\alpha^4)$$
. (4.11)

The tables b and c of Appendix D allow one to find by a graphical method the  $\gamma$  and  $\alpha/\gamma$  that are the solution to eq. (4.10) and eq. (4.11). Once  $\alpha$  is estimated, then from eq. (4.7)  $\rho K$  and  $C\sigma^2$  may be found.

Example. Suppose  $\bar{b} = 1.73$ ,  $\bar{b}^2 = 10$ ,  $\bar{b}^4 = 400$ ,  $R_1 = .30$ ,  $R_2 = .25$ . First plot the isolines  $R_1 = .30$  and  $R_2 = .25$  on a graph of Y vs.  $\alpha/\gamma$ . (See figure.) From this it is seen that a good solution is  $\hat{\gamma} = 1.5$ ,  $\alpha/\gamma = 1.1$ . Hence

$$\hat{\alpha} = 1.65$$

$$\hat{\rho}K = (1.65)(1.73)/[(1.5)(.13) + (3.25)(.07)] = 6.8$$

$$\hat{C}\sigma^2 = \hat{\rho}k/2\hat{\alpha} = 6.8/2(1.65) = 2.1$$

$$\vec{\phi} = \sum_{i=1}^{N} \phi_i / N$$
  $\vec{\phi}^2 = \sum_{i=1}^{N} \phi_i^2 / N$   $\vec{\phi}^4 = \sum_{i=1}^{N} \phi_i^4 / N$ 

as opposed to section 3a where the mean 3 was subtracted out.

<sup>\*</sup> Note that in these equations

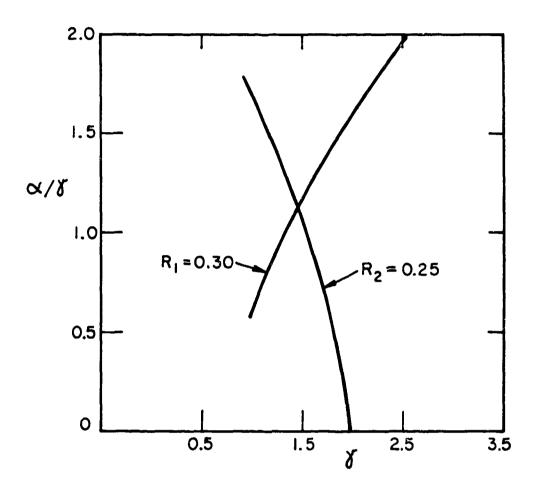


FIG. 2 DETERMINATION OF  $\propto$  AND & GRAPHICALLY

#### a. An Application of Sections §2 and §3

This example is from Davenport, California, roll 10 referred to in section 3c.

A. The least squares covariance fitting gave

$$C = 1.85$$
  $K = 2.60$ 

$$C_{D} = 1.84$$
  $C_{M} = 1.65$ 

B. The least squares spectra fitting gave

$$C = 1.88$$
  $K = 2.72$ 

$$C_{D} = 1.87$$
  $C_{M} = 1.73$ 

The variances were computed to be

$$\sigma^2 = 1.20$$
  $\rho^2 = .67$ 

The values lead to

$$\alpha \approx .50$$

In the notiowing figure the histogram of the force record has been reduced to the same scale as the density and they are plotted together. The agreement between the histogram and the density for wave force with  $\alpha=.50$  is quite striking.

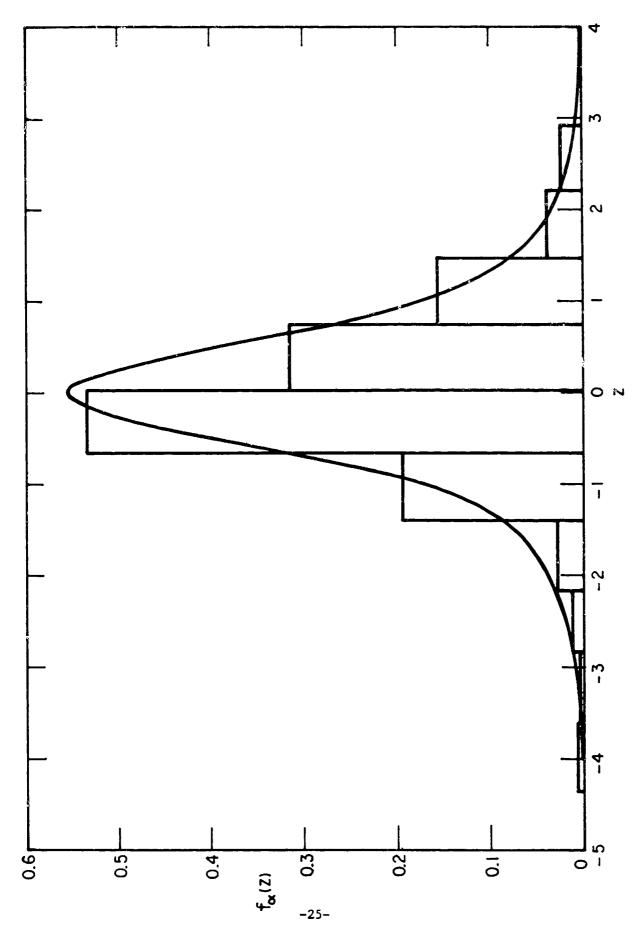


FIG. 3 A HISTOGRAM OF FORCES FOR ROLL IO AND THE THEORETICAL DENSITY FOR \$ = 0.5

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#### APPENDIX A

Table I. The Probability Density of  $^{\rm Z}$ 

The function tabled is  $f_Z(z;\alpha)$ , the probability density function of Z, where

$$\alpha = \rho K/2C\sigma^2$$

$$Z = \Phi / \left[ \rho \overline{K} \sqrt{\left(\frac{3}{4\alpha^2} + 1\right)} \right].$$

The following values of the parameter  $\alpha$  are used

α

The first column gives z to one decimal. The column headings give the second decimal in z. Thus  $f_Z(1.43;0)$  is obtained by looking on the line for 1.4 and reading across to the column for 3. The value is 0.064.

By symmetry,  $f_2(-z;\alpha) = f_2(z;\alpha)$ .

	0	1	2.	3	4	5	6	7	8	3
0.0	0.000	2.603	1.824	1.477	1.268	1.124	1.017	0.934	0.866	0.809
0.1	0.761	0.720	0.683	0.651	0.621	0.595	0.571	0.550	0.529	0.511
0.2	0.494	0.478	0.463	0.449	0.435	0.423	0.411	0.400	0.389	0.379
0.3	0.370	0.360	0.352	0.343	0.335	0.328	0.320	0.313	0.306	0.300
0.4	0.294	0.287	0.282	0.276	0.270	0.265	0.260	0.255	0.250	0.245
0.5	0.241	0.236	0.232	0.228	0.224	0.220	0.216	0.212	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.185	0.182	0.180	0.177	0.174
0.7	0.171	0.168	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.147	0.145	0.143	0.140	0.138	0.136	0.134	0.132	0.131	0.129
0.9	0.127	0.125	د0.12	0.122	0.120	0.118	0.117	0.115	0.113	0.112
1.0	0.110	0.109	0.107	0.106	0.105	0.103	0.102	0.100	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.096
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003 0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003		0.003	0.003
4.4 4.5	0.003	0.003	0.003	0.003	0.003	0.003		0.003	0.003	0.003
	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7 4.8	0.002 0.002	0.002	0.002	0.002 0.002	0.002	0.002 0.002	0.002	0.002	0.002	0.002 0.002
		0.002	0.002		0.002				0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	4.183	3.501	2.342	1.641	1.324	1.152	1.034	0.945	0.874	0.815
0.1	0.766	0.723	0.686	0.653	0.623	0.597	0.573	0.551	0.530	0.512
0.2	0.494	0.478	0.463	0.449	0.436	0.423	0.411	0.400	0.390	0.390
0.3	0.370	0.361	0.352	0.344	0.336	0.328	0.321	0.313	0.307	U.300
0.4	0.294	0.288	0.282	0.276	0.270	0.265	0.260	0.255	0.250	0.245
0.5	0.241	0.236	0.232	0.228	0.224	0.220	0.216	0.212	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.185	0.183	0.180	0.177	0.174
0.7	0.171	0.168	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.147	0.145	0.143	0.140	0.138	0.136	0.134	0.133	0.131	0.129
0.9	0.127	0.125	0.123	0.122	0.120	0.118	0.117	0.115	0.114	0.112
1.0	0.110	0.109	0.107	0.106	0.105	0.103	0.102	0.100	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	9.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	C.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3 3.4	0.008 0.007	0.008 0.007	800.0	0.008	800.0	0.008	0.008	300.0	800.0	0.008
3.5	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.6	0.006	0.006	0.007 0.006	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.006 0.005	0.006 0.005	0.006	0.006	0.006	0.006	0.006
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.005 0.004	0.005 0.004	0.005	0.005	0.005
4.0	0.004	0.004	0.004	0.004	0.004	0.004		0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004 0.004	0.004	0.004	0.004
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003 0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.002	0.003 0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
		<del>-</del>				J 5 5 5 E	3 6 0 7 6.		0 0 0 W E	0 . UUE

	0	1	2	3	4	5	6	7	8	9
0.0	2.944	2.809	2.460	2.028	1.635	1.337	1.134	1.000	0.906	0.837
0.1	0.781	0.735	0.695	0.660	0.629	0.602	0.577	0.554	0.534	0.515
0.2	0.497	0.481	0.465	0.451	0 6 4 3 7	0.425	0.413	0.401	0.391	0.381
0.3	0.371	0.362	0.353	0.344	0.336	0.329	0.321	0.314	0.307	0.301
0.4	0.294	0.288	0.282	0.276	0.271	0.265	0.260	0.255	0.250	0.246
0.5	0.241	0.237	0.232	0.228	0.224	0.220	0.216	0.213	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.186	0.183	0.180	0.177	0.174
0.7	0.171	0.169	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.157	0.145	0.143	0.141	0.138	0.136	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.123	0.122	0.120	0.118	0.117	0.115	0.114	0.112
1.0	0.110	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024 0.022	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021 0.019
2.4	0.021 0.019	0.021 0.019	0.021 0.019	0.021 0.018	0.020 0.018	0.020 0.018	0.020 0.018	0.020 0.018	0.019	0.017
2.5 2.6	0.017	0.017	0.017	0.013	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.017	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.013	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.013	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	2.393	2.343	2.202	1.996	1.760	1.526	1.318	1.145	1.009	0.905
0.1	0.826	0.765	0.716	0.676	0.642	0.612	0.585	0.561	0.539	0.520
0.2	0.501	0.484	0.469	0.454	0.440	0.427	0.415	0.403	0.393	0.382
0.3	0.372	0.363	0.354	0.346	0.337	0.330	0.322	0.315	0.308	0.301
0.4	0.295	0.289	0.283	0.277	0.271	0.266	0.261	0.256	0.251	0.246
0.5	0.242	0.237	0.233	0.229	0.224	0.220	0.217	0.213	0.209	0.206
0.6	0.202	0.199	0.195	0.192	0.189	0.186	0.183	0.180	0.177	0.174
0.7	0.171	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.152	0.149
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.124	0.122	0-120	0.118	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.046
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0-040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.936	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9 3.0	0.013 0.011	0.012 0.011	0.012 0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.1	0.010	0.010	0.010	0.011 0.010	0.011	0.011 0.010	0.011	0.010	0.010	0.010
3.2	0.009	0.009	0.009	0.010	0.009	0.009	0.010 0.009	0.009	0.009	0.009
3.3	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009 0.008	0.008 0.008	0.008 0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.003	0.007	0.007	0.003
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	В	9
0.0	2.064	2.039	1.967	1.856	1.718	1.565	1.409	1.261	1.127	1.011
0.1	0.913	0.832	0.767	0.713	0.669	0.632	0.601	0.573	0.549	0.528
0.2	0.508	0.490	0.474	0.458	0.444	0.431	0.418	0.406	0.395	0.385
0.3	0.375	0.365	0.356	0.347	0.339	0.331	0.324	0.316	0.309	0.303
0.4	0.296	0.290	0.284	0.278	0.272	0.267	0.262	0.257	0.252	0.247
0.5	0.242	0.238	0.233	0.229	0.225	0.221	0.217	0.213	0.210	0.206
0.6	0.202	0.199	0.196	0.192	0.189	0.186	0.183	0.180	0.177	0.175
0.7	0.172	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.152	0.149
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.124	0.122	0.120	0.119	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027 0.024	0.027 0.024	0.02 <b>7</b> 0.024
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.022	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022 0.020	0.022 0.020	0.022	0.019	0.019
2.4	0.021	0.021	0.021 0.019	0.021	0.020 0.018	0.018	0.020	0.018	0.017	0.017
2.5 2.6	0.019 0.017	0.019 0.017	0.017	0.013	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.017	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.015	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	800.0	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	700.0	0.007	0.007	0.607	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	U.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.065
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	5.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002 0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.00%	V. 00Z	0.002	01002.

	0	1	2	3	4	5	6	7	8	9
0.0	1.839	1.824	1.782	1.715	1.628	1.527	1.417	1.305	1.195	1.090
0.1	0.995	0.910	0.836	0.772	0.717	0.670	0.631	0.597	0.568	0.543
0.2	0.520	0.500	0.482	0.465	0.450	0.436	0.423	0.411	0.399	0.388
0.3	0.378	0.368	0.359	0.350	0.341	0.333	0.325	0.318	0.311	0.304
0.4	0.297	0.291	0.285	0.279	0.273	0.268	0.263	0.258	0.253	0.248
0.5	0.243	0.239	0.234	0.230	0.226	0.222	0.218	0.214	0.210	0.207
0.6	0.203	0.200	0.196	0.193	0.190	0.187	0.184	0.181	0.178	0.175
0.7	0.172	0.169	0.167	0.164	0.162	0.159	0.157	0.154	0.152	0.150
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.126	0.124	0.122	0.120	0.119	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.104	0.102	0.101	0.099	0.098
1.1	0.097	0.096	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.00B
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	300.0	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.063
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	ઇ	9
0.0	1.672	1.663	1.636	1.592	1.534	1.464	1.386	1.302	1.216	1.130
0.1	1.048	0.970	0.897	0.831	0.772	0.720	0.674	0.634	0.598	0.568
0.2	0.541	0.517	0.496	0.477	0.460	0.444	J.430	0.417	0.404	0.393
0.3	0.382	0.372	0.362	0.353	0.344	0.336	0.328	0.320	0.313	0.305
0.4	0.299	0.293	0.287	0.281	0.275	0.269	0.264	0.259	0.254	0.249
0.5	0.244	0.240	0.235	0.231	0.227	0.222	0.218	0.215	0.211	0.207
0.6	0.204	0.200	0.197	0.194	0.190	0.187	0.184	0.181	0.178	0.175
0.7	0.173	0.170	0.167	0.165	0.162	0.160	0.157	0.155	0.152	0.150
0.8	0.148	0.146	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.128	0.126	0.124	0.122	0.121	0.119	0.117	0.116	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.104	0.102	0.101	0.100	0.098
1.1	0.097	0.096	0.094	0.093	0.092	0.091	0.090	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.070	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.617	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0-014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	800.0	0.008	0.008	0.003	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.003
4.4 4.5	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6 4.7	0.002	0.002 0.002	0.002		0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002 0.002	0.002	0.002	0.002	0.002	0.002		0.002		0.002
4.9			0.002		0.002		0.002	0.002	0.002	0.002
7 • Y	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	1.542	1.536	1.517	1.487	1.446	1.396	1.338	1.276	1.209	1.140
0.1	1.072	1.004	0.939	0.878	0.820	0.767	0.719	0.675	0.635	0.601
0.2	0.570	0.542	0.517	0.495	0.475	0.457	0.441	0.426	0.412	0.400
0.3	0.388	0.377	0.367	0.357	0.348	0.339	0.331	0.323	0.316	0.309
0.4	0.302	0.295	0.289	0.283	0.277	0.271	0.266	0.260	0.255	0.250
0.5	0.245	0.241	0.236	0.232	0.228	0.223	0.219	0.216	0.212	0.208
0.6	0.204	0.201	0.198	0.194	0.191	0.188	0.185	0.162	0.179	0.176
0.7	0.173	0.170	0.168	0.165	0.162	0.160	0.157	0.155	0.153	0.150
0.8	0.148	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.116	0.114	U.113
1.0	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101	0.100	0.038
1.1	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.089	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.070	0.069	380.0	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.009
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	C.047
1.7	0.040	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	υ <b>040</b>	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	U.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.333	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	C.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2-4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0,016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.015	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	C.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.003
3.,3	J.008	C 4 008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.003
1.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.036
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0,005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	U_004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.063
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	3,002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.€	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	O	1	2	3	4	<b>b</b>	6	7	8	9
0.0	1.437	1.433	1.419	1.397	1.367	1.330	1.287	1.238	1.186	1.132
0.1	1.075	1.019	0.962	0.908	0.855	0.805	0.758	0.714	0.574	0.636
0.2	0.602	0.572	0.544	0.519	0.496	0.475	0.456	0.439	0.424	0.410
0.3	0.397	0.385	0.373	0.363	0.353	0.344	0.335	0.327	0.319	0.312
0.4	0.305	0.298	0.291	0.285	0.279	0.273	0.267	0.262	0.257	0.252
0.5	0.247	0.242	0.238	0.233	0.229	0.225	0.221	0.217	0	0.209
0.6	0.205	0.202	0.198	0.195	0.192	0.189	0.135	0.182	0	0.177
0.7	0.174	0.171	0.168	0.166	0.163	0.160	0.158	0.156	0.153	0.151
0.8	0.149	0.146	0-144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.128	0.126	0.125	0.123	0.121	0.119	0.118	0.116	0.115	ù.113
1.0	0.111	0.110	0.108	0.107	0.105	0.104	0.103	0.101	0.100	0.099
1.1	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.089	0.088	0.066
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.U77	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0-049	0.049	0.048	0.047	0.041
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.527
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7 2.8	0.015 0.014	0.015 0.014	0.015 0.014	0.015	0.015	0.015 0.013	0.014	0.014	0.014	0.014 0.013
2.9	0.014	0.014	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.011
3.0	0.011	0.012	0.012	0.011	0.012	0.012	0.011	0.012	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	6.003
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.003	0.008
3.3	0.008	0.008	0.008	0.008	0.006	0.008	0.008	0.008	0.003	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	O	1	2	3	4	5	6	7	8	9
0.0	1.350	1.347	1.337	1.320	1.297	1.269	1.235	1.198	1.156	1.112
0.1	1.066	1.019	0.971	0.923	0.877	0.831	0.787	0.745	0.706	0.669
0.2	0.634	0.602	0.572	0.545	0.520	0.497	0.476	0.457	0.440	0.424
0.3	0.409	0.395	0.383	0.371	0.360	0.350	0.341	0.332	0.324	0.316
0.4	0.308	0.301	0.294	0.288	0.282	0.276	0.270	0.264	0.259	0.254
0.5	0.249	0.244	0.239	0.235	0.230	0.226	0.222	0.218	0.214	0.210
0.6	0.206	0.203	0.199	0.196	0.193	0.189	0.186	0.183	0.180	0.177
0.7	0.174	0.172	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.151
0.8	0.149	0.147	0.145	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.115	0.113
1.0	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.101	0.100	0.099
1.1	0.097	0.096	0.095	0.094	0.092	0.091	0.090	0.089	0.088	0.087
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0-029	0.029	0.028	0.028	0.028	0.023	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5 2.6	0.019 0.017	0.019 0.017	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.7	0.017	0.017	0.017 0.015	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.8	0.015	0.015	0.015	0.015 0.013	0.015 0.013	0.015	0.014	0.014	0.014	0.014
2.9	0.012	0.012	0.014	0.013	0.013	0.013	0.013	0.013 0.012	0.013	0.013
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.012	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.010	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.009
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	800.0
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.000	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.095	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.064	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	1.277	1.274	1.266	1.253	1.236	1.213	1.187	1.157	1.123	1.087
0.1	1.049	1.010	0.969	0.928	0.887	0.847		0.768	0.731	0.695
0.2	0.661	0.629	0.599	0.571	0.545	0.521	0.498	0.477	0.458	0.441
0.3	0.424	0.409	0.395	0.382	0.370	0.359	0.349	0.339	0.330	0.321
0.4	0.313	0.306	0.298	0.292	0.285	0.279	0.273	0.267	0.261	0.256
0.5	0.251	0.246	0.241	0.236	0.232	0.228	0.223	0.219	0.215	0.211
0.6	0.208	0.204	0.200	0.197	0.194	0.190	0.187	0.184	0.181	0.178
0.7	0.175	0.172	0.170	0.167	0.164	0.162	0.159	0.157	0.154	0.152
0.8	0.150	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
0.9	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117	0.115	0.113
1.0	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.102	0.100	0.099
1.1	0.098	0.096	0.095	0.094	0.093	0.091	0.090	0.089	380.0	0.087
1.2	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.073	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.066	0.065	0.064	0.053	0.062	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0-046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	U.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	G-C17
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.?	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	800.0	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.067
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.000	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3-9	0.004	0.004	0.004	0.004	0.004	0.004	0.004		0.004	
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4-1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.063
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4-6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	<b>3.</b> 002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4-8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.062

	0	1	2	3	4	5	6	7	8	4
0.0	1.214	1.212	1.205	1.195	1.181	1.163	1.142	1.117	1.090	1.060
0.1	1.028	0.995	0.961	0.925	0.890	0.854	0.818	0.783	0.749	0.715
0.2	0.683	0.652	0.623	0.595	0.569	0.544	0.520	0.499	0.478	0.459
0.3	0.441	0.425	0.410	0.396	0.382	0.370	0.359	0.348	0.338	0.329
0.4	0.320	0.312	0.304	0.296	0.289	0.283	0.276	0.270	0.264	0.259
0.5	0.253	0.248	0.243	0.239	0.234	0.229	0.225	0.221	0.217	0.213
0.6	0.209	0.205	0.202	0.198	0.195	0.192	0.188	0.185	0.182	0.179
0.7	0.176	0.173	0.170	0.168	0.165	0.162	0.160	0.157	0.155	0.153
0.8	0.150	0.148	0.146	0.144	0.141	0.139	0.137	0.135	0.133	0.131
0.9	0.129	0.128	0.126	0.124	0.122	0.120	0.119	0.117	0.115	0.114
1.0	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099
1.1	0.098	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087
1.2	0.086	0.085	0.084	0.083	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.347
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	C.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.611
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.004
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	u.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.005

	0	1	2	<b>خ</b>	4	5	6	7	8	à
0.0	1.159	1.157	1.152	1.143	1.132	1.117	1.100	1.079	1.057	1.032
0.1	1.006	0.977	0.948	0.917	0.886	0.855	0.823	0.792	0.760	0.730
0.2	0.700	0.670	0.642	0.615	0.589	0.565	0.541	0.519	0.498	0.478
0.3	0.460	0.442	0.426	0.411	0.396	0.383	0.370	0.359	0.348	0.338
0.4	0.328	0.319	0.311	0.302	0.295	0.288	0.281	0.274	0.268	0.262
0.5	0.257	0.251	0.246	0.241	0.236	0.232	0.227	0.223	0.219	0.215
0.6	0.211	0.207	0.203	0.200	0.196	0.193	0.190	0.186	0.183	0.180
0.7	0.177	0.174	0.171	0.169	0.166	0.163	0.161	0.158	0.156	0.153
0.8	0.151	0.149	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132
0.9	0.130	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.116	0.114
1.0	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101	0.099
1.1	0.098	0.097	0.096	0.094	0.093	0.092	0.091	0.089	0.088	0.087
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068
1.4	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.055	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4-0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4-1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4-6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4-7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	1.110	1.109	1.104	1.097	1.088	1.076	1.061	1.044	1.025	1.004
0.1	0.982	0.958	0.932	0.906	0.879	0.851	0.823	0.795	0.767	0.738
0.2	0.711	0.684	0.657	0.631	0.606	0.582	0.559	0.537	0.516	0.496
0.3	0.477	0.459	0.442	0.426	0.411	0.397	0.384	0.371	0.359	0.348
0.4	0.338	0.328	0.319	0.310	0.302	0.294	0.287	0.280	0.273	0.267
0.5	0.261	0.255	0.250	0.244	0.239	0.234	0.230	0.225	0.221	0.217
0.6	0.213	0.209	0.205	0.201	0.198	0.194	0.191	0.188	0.184	0.181
0.7	0.178	0.175	0.172	0.170	0.167	0.164	0.162	0.159	0.157	0.154
0.8	0.152	0.149	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132
0.9	0.130	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.115
1.0	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.103	0.101	0.100
1.1	0.098	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.088	0.08 <b>7</b>
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068
1.4	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1 3.2	0.010	0.010	0.010 0.009	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.3	0.008	0.009	0.009	0.009 0.008	0.009 0.008	0.009	0.009	800.0	0.008	0.003
3.4	0.007	0.007	0.007	0.003	0.008	0.008	0.008	0.008	0.008	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.007 0.006	0.007	0.007 0.006	0.007	0.007
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.092
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	O	ı	2	3	4	5	6	7	8	9
0.0	1.067	1.066	1.062	1.056	1.048	1.038	1.026	1.011	0.995	0.977
0.1	0.958	0.937	0.915	0.892	0.869	0.844	0.819	0.794	0.769	0.743
0.2	0.718	0.693	0.668	0.644	0.620	0.597	0.575	0.553	0.532	0.513
0.3	0.494	0.475	0.458	0.442	0.426	0.411	0.397	0.384	0.371	0.360
0.4	0.349	0.338	0.328	0.319	0.310	0.302	0.294	0.286	0.279	0.272
0.5	0.266	0.260	0.254	0.248	0.243	0.238	0.233	0.228	0.224	0.219
0.6	0.215	0.211	0.207	0.203	0.200	0.196	0.193	0.189	0.186	0.183
0.7	0.180	0.177	0.174	0.171	0.168	0.165	0.163	0.160	0.158	0.155
0.8	0.153	0.150	0.148	0.146	0.143	0.141	0.139	0.137	0.135	0.133
0.9	0.131	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117	0.115
1.0	0.113	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.101	0.100
1.1	0.099	0.097	0.096	0.095	0.094	0.092	0.091	0.090	0.089	0.088
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068
1-4	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018 0.016	0.018	0.017	0.017
2.6	0.017	0.017 0.015	0.017 0.015	0.016 0.015	0.016 0.015	0.016 0.014	0.014	0.016	0.016	0.015 0.014
2.7 2.8	0.015 0.014	0.015	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.012
2.9	0.014	0.017	0.013	0.013	0.012	0.013	0.012	0.011	0.011	0.011
3.0	0.011	0.012	0.011	0.011	0.011	0.011	0.012	0.010	0.010	0.010
3-1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.009
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

	0	1	2	3	4	5	6	7	8	9
0.0	1.028	1.027	1.024	1.019	1.012	1.003	0.993	0.981	0.967	0.952
0.1	0.935	0.917	0.898	0.878	0.857	0.835	0.813	0.790	0.767	0.744
0.2	0.721	0.698	0.675	0.653	0.630	0.609	0.587	0.567	0.546	0.527
0.3	0.508	0.490	0.473	0.456	0.440	0.425	0.411	0.397	0.384	0.372
0.4	0.360	0.349	0.338	0.328	0.319	0.310	0.302	0.294	0.286	0.279
0.5	0.272	0.265	0.259	0.253	0.247	0.242	0.237	0.232	0.227	0.222
0.6	0.218	0.214	0.210	0.206	0.202	0.198	0.195	0.191	0.188	0.184
0.7	0.181	0.178	0.175	0.172	0.169	0.167	0.164	0.161	0.159	0.156
0.8	0.154	0.151	0.149	0.147	0.144	0.142	0.140	0.138	0.136	0.134
0.9	0.132	0.130	0.128	0.126	0.124	0.122	0.121	0.119	0.117	0.116
1.0	0.114	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.100
1.1	0.099	0.098	0.096	0.095	0.094	0.093	0.091	0.090	0.089	0.088
1.2	0.087	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069	0.068
1.4	0.067	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017 0.016	0.017
2.6 2.7	0.017 0.015	0.017 0.015	0.017 0.015	0.016 0.015	0.016 0.015	0.016 0.014	0.016 0.014	0.016 0.014	0.014	0.015 0.014
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.012
2.9	0.014	0.012	0.012	0.013	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.993	0.992	0.990	0.985	0.979	0.972	0.963	0.952	0.940	0.927
0.1	0.912	0.897	0.880	0.862	0.844	0.824	0.805	0.784	0.764	0.743
0.2	0.722	0.701	0.679	0.659	0.638	0.617	0.597	0.577	0.558	0.539
0.3	0.521	0.503	0.486	0.470	0.454	0.439	0.424	0.410	0.397	0.384
0.4	0.372	0.360	0.349	0.339	0.329	0.319	0.310	0.302	0.294	0.286
0.5	0.279	0.272	0.265	0.259	0.252	0.247	0.241	0.236	0.231	0.226
0.6	0.221	0.217	0.213	0.208	0.204	0.200	0.197	0.193	0.190	0.186
0.7	0.183	0.180	0.177	0.174	0.171	0.168	0.165	0.162	0.160	0.157
0.8	0.155	0.152	0.150	0.147	0.145	0.143	0.141	0.139	0.136	0.134
0.9	0.132	0.130	0.129	0.127	0.125	0.123	0.121	0.119	0.118	0.116
1.0	0.114	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101
1.1	0.099	0.098	0.097	0.095	ù.094	0.093	0.092	0.090	0.089	0.088
1.2	0.087	0.086	0.085	0.084	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.072	0.071	0.070	0.069	0.068
1.4	0.067	0.066	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.054	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6 4.7	0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	0.002		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002		0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.961	0.960	0.958	0.955	0.949	0.943	0.935	0.926	0.915	0.904
0.1	0.891	0.877	0.862	0.847	0.830	0.813	0.795	0.777	0.758	0.739
0.2	0.720	0.701	9.681	0.662	0.643	0.623	0.604	0.586	0.567	0.549
0.3	0.532	0.515	0.498	0.482	0.466	0.451	0.436	0.422	0.409	0.396
0.4	0.383	0.371	0.360	0.349	0.339	0.329	0.320	0.311	0.302	0.294
0.5	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.241	0.235	0.230
0.6	0.225	0.220	0.216	0.212	0.207	0.203	0.199	0.196	0.192	0.188
0.7	0.185	0.182	0.178	0.175	0.172	0.169	0.167	0.164	0.161	0.158
0.8	0.156	0.153	0.151	0.149	0.146	0.144	0.142	0.139	0.137	0.135
0.9	0.133	0.131	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117
1.0	0.115	0.113	0.112	0.110	0.109	0.107	0.106	0.104	9.103	0.101
1.1	0.100	0.099	0.097	0.096	0.095	0.093	0.092	0.091	0.090	880.0
1.2	0.087	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068
1.4	0.067	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.3	0.026 0.024	0.026 0.023	0.026	0.025 0.023	0.025 0.023	0.025	0.025 0.022	0.024	0.024	0.024
2.4	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.5	0.019	0.021	0.018	0.020	0.020	0.020	0.018	0.020 0.018	0.019 0.017	0.019
2.6	0.017	0.017	0.018	0.016	0.016	0.016	0.016	0.018	0.016	0.017
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.013	0.013
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.014
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4-1	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	6.00.0
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4-3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7 4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.932	0.931	0.930	0.926	0.922	0.916	0.909	0.901	0.892	0.882
0.1	0.870	0.858	0.845	0.831	0.816	0.801	0.785	0.768	0.752	0.734
0.2	0.717	0.699	0.681	0.663	0.645	0.627	0.610	0.592	0.575	0.557
0.3	0.540	0.524	0.508	0.492	0.477	0.462	0.447	0.433	0.420	0.407
0.4	0.394	0.382	0.371	0.360	0.349	0.339	0.329	0.320	0.311	0.302
0.5	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.240	0.235
0.6	0.230	0.225	0.220	0.215	0.211	0.207	0.202	0.198	0.195	0.191
0.7	0.187	0-184	0.181	0.177	0.174	0.171	0.168	0.165	0.163	0.160
0.8	0.157	0.155	0.152	0.150	0.147	0.145	0.143	0.140	0.138	0.136
0.9	0.134	0.132	0.130	0.128	0.126	0.124	0.123	0.121	0.119	0.117
1.0	0.116	0.114	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102
1.1	0.100	0-099	0.098	0.096	0.095	0.094	0.092	0.091	0.090	0.089
1 - 2	0.088	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068
1.4	0.068	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060
1.5	0.060	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0 040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008 0.007	0.008 0.007
3.3	0.008	800.0	0.008	0.008	0.008	0.008	0.008	0.008 0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007 0.006	0.006	0.007	0.006	0.006	0.007
3.5 3.6	0.007 0.006	0.006	0.006	0.006 0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.003	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

	٥	1	2	3	4	5	6	7	8	Ġ
0.0	0.905	0.905	0.903	0.900	0.896	0.891	0.885	0.878	0.870	0.861
0.1	0.851	0.840	0.828	0.815	0.802	0.789	0.774	0.759	0-744	0.728
0.2	0.712	0.696	0.679	0.663	0.646	0.629	0.613	0.596	0.580	0.564
0.3	0.548	0.532	0.516	0.501	0.486	0.472	0.457	0.444	0.430	0.417
0.4	0.405	0.393	0.381	0.370	0.359	0.348	0.338	0.329	0.320	0.311
0.5	0.302	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.240
0.6	0.235	0.229	0.224	0.219	0.215	0.210	0.206	0.202	0.198	0.174
0.7	0.190	0.187	0.183	0.180	0.176	0.173	0.170	0.167	0.164	0.162
0.8	0.159	0.156	0.154	0.151	0.149	0.146	0.144	0.142	0.139	0.137
0.9	0.135	0.133	0.131	0.129	0.127	0.125	0.123	0.121	0.120	0.118
1.0	0.116	0.115	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102
1.1	0.101	0.099	0.098	0.097	0.095	0.094	0.093	0.092	0.090	0.089
1.2	0.088	0.087	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069
1.4	0.068	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.060
1.5	0.060	0.059	0.058	0.058	0.05?	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2 3.3	0.009 0.008	0.009 0.008	0.009	0.009 0.008	0.009	0.008 0.008	0.008 0.008	0.008	0.008 0.007	0.008 0.007
3.4	0.007	0.003	0.008	0.003	0.003	0.003	0.007	0.007	0.007	0.007
3.5	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0 002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.881	0.880	0.879	0.876	0.873	0.868	0.863	0.856	0.849	0.941
0.1	0.832	0.822	0.812	0.800	0.789	0.776	0.763	0.750	0.736	0.721
0.2	0.707	0.692	0.676	0.661	0.646	0.630	0.615	0.599	0.584	0.568
0.3	0.553	0.538	0.523	0.508	0.494	0.480	0.466	0.453	0.440	0.427
0.4	0.414	0.402	0.391	0.379	0.368	0.358	0.348	0.338	0.328	0.519
0.5	0.311	0.302	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246
0.6	0.240	0.235	0.229	0.224	0.219	0.214	0.210	0.205	0.201	0.197
0.7	0.193	0.189	0.186	0.182	0.179	0.176	0.172	0.169	0.166	0.163
0.8	0.161	0.158	0.155	0.153	0.150	0.148	0-145	0.143	0.141	0.133
0.9	0.136	0-134	0.132	0.130	0.128	0.126	0.124	0.122	0.120	0.119
1.0	0.117	0.115	0.114	0.112	0.110	0.109	0.107	0.i06	0.104	0.103
1.1	0.101	0.100	0.098	0.097	0.096	0.094	0.093	0.092	0.091	0.089
1.2	0.088	0.087	0.086	0.085	0.084	0.083	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069
1.4	0.068	0.067	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061
1.5	0.060	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054
1.6	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8 1.9	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
2.0	0.037 0.033	0.037	0.036	0.036	0.035 0.031	0.035	0.035	0.034	0.034	0.033
2.1	0.029	0.033 0.029	0.032	0.032		0.031	0.031	0.030	0.030	0.030
2.2	0.029	0.029	0.029	0.028 0.025	0.028 0.025	0.028 0.025	0.027 0.025	0.027 0.024	0.027 0.024	0.027 0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.023	0.023	0.024	0.024	0.024
2.4	0.021	0.023	0.023	0.020	0.022	0.022	0.022	0.019	0.021	0.021
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	800.0	0.008	0.007	0.007	0.007
3.4	0.007	0.007	(.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.006	0.006	0.006	0.006	0.006	0-006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0-004	0.004	9.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4-1	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4-4	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6 4.7	0.002 0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002		0.002	0.002	0.002	0.002	0.002	0.002	0.003
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
7.7	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.837	0.837	0.836	0.834	0.831	0.827	0.823	0.818	0.812	9.805
0.1	0.798	0.790	0.781	0.772	0.762	0.752	0.741	0.730	0.718	0.706
0.2	0.694	0.681	0.668	0.655	0.641	0.628	0.614	0.601	0.587	0.573
0.3	0.560	0.546	0.533	0.519	0.506	0.493	0.480	0.467	0.455	0.443
0.4	0.431	0.419	0.408	0.396	0.386	0.375	0.365	0.355	0.345	0.336
0.5	9.327	0.318	0.310	0.302	0.294	0.286	0.279	0.272	0.265	0.258
0.6	0.252	0.246	0.240	0.235	0.229	0.224	0.219	0.214	0.209	0.205
0.7	0.201	0.196	0.192	0.189	0.185	0.181	0.178	0.174	0.171	0.168
0.8	0.165	0.162	0.159	0.156	0.153	0.151	0.148	0.146	0.143	0.141
0.9	0.139	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120
1.0	0.119	0.117	0.115	0.113	0.112	0.110	0.108	0.107	0.105	0.104
1.1	0.102	0.101	0.100	0.098	0.097	0.095	0.094	0.093	0.092	0.090
1.2	0.089	0.088	0.087	0.085	0.084	0.083	0.082	0.081	0.080	0.079
1.3	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069
1.4	0.068	0.067	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061
1.5	0.060	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.054	0.054
1.6	0.053	0.052	0.052	0.051	0.051	0.050	0.049	0-049	0.048	0.048
1.7	0.047	0.046	0.045	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.7	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	800.0	0.008	0.008	0.008	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001

	O	1	2	3	4	5	6	7	8	9
	U	•	-				0 707	0.783	0.778	0.773
0.0	0.799	0.799	0.798	0.796	0.794	0.791	0.787	•	0.700	0.690
0.1	0.767	0.760	0.753	0.745	0.737	0.728	0.719	0.710	0.586	0.574
0.2	0.679	0.668	0.657	0.646	0.634	0.622	0.610	0.598		0.455
	0.562	0.550	0.538	0.525	0.513	0.501	0.439	0.478	0.466	0.351
0.3		0.432	0.421	0.410	0.400	0.390	0.380	0.370	0.360	
0.4	0.443	0.333	0.324	0.316	0.308	0.300	0.293	0.285	0.278	0.271
0.5	0.342		0.252	0.246	0.240	0.234	0.229	0.224	0.219	0.214
0.6	0.265	0.258	0.200	0.196	0.192	0.188	0.184	0.180	0.177	0.173
0.7	0.209	0.205	0.164	0.161	0.158	0.155	0.152	0.150	0.147	0.144
0.8	0.170	0.167		0.135	0.133	0.131	0.128	0.126	0.124	0.122
0.9	0.142	0.140	0.137		0.113	0.112	0.110	0.108	0.107	0.105
1.0	0.121	0.119	0.117	0.115	0.098	0.097	0.095	0.094	0.093	0.091
1.1	0-104	0.102	0.101	0.099		0.084	0.083	0.082	0.081	0.080
1.2	0.090	0.089	0.088	0.086	0.085	0.073	0.072	0.072	0.071	0.070
1.3	0.078	0.077	0.076	0.075	0.074		0.064	0.063	0.062	0.061
1.4	0.069	0.068	0.067	0.066	0.065	0.064	0.056	0.055	0.055	0.054
1.5	0.060	0.060	0.059	0.058	0.058	0.057		0.049	0.048	0.048
1.6	0.053	0.053	0.052	0.051	0.051	0.050	0.050	0.043	0.043	0.042
1.7	0.047	0.047	0.046	0.046	0.045	0.044	0.044		0.038	0.038
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.034	0.033
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034		0.030
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.027
	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	
2.1		0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.2	0.026	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.3	0.023		0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.4	0.021	0.021	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.5	0.019	0.019		0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.6	0.017	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
2.7	0.015	0.015	0.015	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.8	0.013	0.013	0.013		0.012	0.011	0.011	0.011	0.011	0.011
2.9	0.012	0.012	0.012	0.012	0.010	0.010	0.010	0.910	0.010	0.010
3.0	0.011	0.011	0.011	0.011		0.009	0.009	0.009	0.009	0.009
3.1	0.010	0.010	0.010	0.009	0.009	800.0	0.008	0.008	0.008	0.008
3.2	0.009	0.009	0.009	0.009	800.0		0.007	0.007	0.007	0.007
3.3	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006
3.5	U.006	0.006	0.006	0.006	0.006	0.006		0.005	0.005	0.005
3.6	0.006		0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.7	0.005		0.005	0.005		0.005	0.005		0.004	0.004
3.8	0.005		0.005	0.005		0.004	0.004	0.004	0.004	0.004
3.9	0.004		0.004	0.004	0.004	0.004	0.004			0.003
4.0	0.004		0.004						0.004	
4.1	0.003		0.003						0.003	0.003
4.2	0.003		0.003						0.003	0.003
	0.003		0.003				0.003		0.003	0.003
4.3							0.002	0.002	0.002	
4.4	0.003			_						
4.5	0.002							0.002		
4.6	0.002				_			0.002		
4.7	0.002				·				0.002	
4.8	0.002				_			_		0.001
4.9	0.002	2 0.002	0.002	0.001	0.001					

	0	1	2	3	4	5	6	7	ક	9
0.0	0.766	0.766	0.765	0.764	0.762	0.759	0.756	0.753	0.749	0.744
0.1	0.739	0.733	0.727	0.721	0.714	0.706	0.699	0.691	0.682	0.673
0.2	0.664	0.655	0.645	0.635	0.625	0.615	0.604	0.594	0.583	0.572
0.3	0.561	0.550	0.539	0.528	0.517	0.506	0.496	0.485	0.474	0.463
0.4	0.453	0.442	0.432	0.422	0.412	0.402	0.392	0.382	0.373	0.364
0.5	0.355	0.346	0.338	0.329	0.321	0.313	0.306	0.298	0.291	0.284
0.6	0.277	0.270	0.264	0.257	0.251	0.245	0.240	0.234	0.229	0.223
0.7	0.218	0.214	0.209	0.204	0.200	0.196	0.192	0.188	0.184	0.180
0.8	0.176	0.173	0.169	0.166	0.163	0.160	0.157	0.154	0.151	0.148
0.9	0.146	0.143	0.141	0.138	0.136	0.134	0.131	0.129	0.127	0.125
1.0	0.123	0.121	0.119	0.117	0.115	0.114	0.112	0.110	0.109	0.107
1.1	0.105	0.104	0.102	0.101	0.099	0.098	0.096	0.095	0.094	0.092
1.2	0.091	0.090	0.089	0.087	0.086	0.085	0.084	0.083	0.081	0.080
1.3	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070
1.4	0.069	0.068	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.062
1.5	0.061	0.060	0.059	0.059	0.058	0.057	0.056	0.056	0.055	0.054
1.6	0.054	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048
1.7	0.047	0.047	0.046	0.046	0.045	0.045	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.7	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0-005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	g	9
0.0	0.737			0.735	0.733	0.731	0 720	0 724		
0.1	0.714		0.704							
0.2	0.649		0.633						_	
0.3	0.558		0.539							_
0.4	0.459				0.420					
0.5	0.366							-		_
0.6	0.288		0.275							
0.7	9.228		0.218	0.213		0.204				
0.8	0-183		0.176	0.172		0.166				
0.9	0.150		0.145	0.142	0.140	0.137				
1.0	0.126		0.122	0.120	0.118	0.116			0.130	
1.1	0.107	0.106		0.102	0.101	0.099	0.114		0.111	0.109
1.2	0.092	0.091	0.090	0.088	0.087	0.099	0.098	0.096	0.095	0.094
1.3	0.080		0.078	0.077	0.076	0.075	0.085	0.084	0.082	0.081
1.4	0.070	0.069	0.068	0.067	0.066	0.065	0.074	0.073	0.072	0.071
1.5	0.061	0.061	0.060	0.059	0.058	0.057	0.065	0.064	0.063	0.062
1.6	0.054	0.053	0.053	0.052	0.051		0.057	0.056	0.055	0.055
1.7	0.048	0.047	0.046	0.046	0.045	0.051	0.050	0.049	0.049	0.048
1.8	0.042	0.042	0.041	0.041	0.040	0.045	0.044	0.044	0.043	0.043
1.9	0.037	0.037	0.036	0.036	0.036	0.040	0.039	0.039	0.038	0.038
2.0	0.033	0.033	0.032	0.032	0.032	0.035	0.035	0.034	0.034	0.033
2.1	0.029	0.029	0.029	0.028	0.028	0.031	0.031	0.030	0.030	0.030
2.2	0.026	0.026	0.026	0.025		0.028	0.027	0.027	0.027	0.027
2.3	0.023	0.023	0.023	0.023	0.025 0.022	0.025	0.024	0.024	0.024	0.024
2.4	0.021	0.021	0.020	0.020		0.022	0.022	0.022	0.021	0.021
2.5	0.019	0.018	0.018	0.018	0.020	0.020	0.019	0.019	0.019	0.019
2.6	0.017	0.016	0.016	0.016	0.018	0.018	0.017	0.017	0.017	0.017
2.7	0.015	0.015	0.015	0.014	0.016	0.016	0.016	0.015	0.015	0.015
2.8	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.013
2.9	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.012	0.012	0.012
3.0	0.011	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011	0.011
3.1	0.010	0.010	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010
3.2	0.009	0.009	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009
3.3	0.008	0.008	0.008	0.008	800.0	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003		0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	U.0G2	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001
			2.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
									_	- <del>-</del>

	0	1	2	3	4	5	6	7	ત	9
0.0	0.711	0.711	0.711	0.710	0.708	0.706	0.704	0.701	0.698	0.675
0.1	0.691	0.687	0.683	0.678	0.672	0.667	0.661	0.655	0.649	0.642
0.2	0.635	0.628	0.620	0.613	0.605	0.597	0.588	0.580	0.571	0.563
0.3	0.554	0.545	0.536	0.527	0.518	0.509	0.500	0.491	0.481	0.472
0.4	0.463	0.454	0.445	0.436	0.427	0.418	0-409	0.401	0.392	0.384
0.5	0.375	0.367	0.359	0.351	0.343	0.335	0.328	0.320	0.313	0.306
0.6	0.299	0.292	0.286	0.279	0.273	0.266	0.260	0.255	0.249	0.243
0.7	0.238	0.232	0.227	0.222	0.217	0.213	0.208	0.203	0.199	0.195
0.8	0.191	0.187	0.183	0.179	0.175	0.172	0.168	0.165	0.162	0.159
0.9	0.156	0.153	0.150	0.147	0.144	0.142	0.139	0.137	0.134	0.132
1.0	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.111
1.1	0.109	0.108	0.106	0.104	0.103	0.101	0.100	0.098	0.097	0.095
1.2	0.094	0.092	0.091	0.090	0.088	0.087	0.086	0.085	0.083	0.082
1.3	0.081	0.080	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072
1.4	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064	0.063	0.063
1.5	0.062	0.061	0.060	0.059	0.059	0.053	0.057	0.056	0.056	0.055
1.6	0.054	0.054	0.053	0.052	0.052	0.051	U-050	0.050	0.049	0.048
1.7	0.048	0.047	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043
1.8	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017
2.6	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.7	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1 3.2	0.010	0.009 0.008	0.009	0.009 0.008	0.009	0.009	0.009 0.008	0.008	0.009	0.003
3.3	0.009	0.008	0.008	0.007	0.003	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006
3.5	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.012
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	,	_				
		•	2	3	4	5	6	7	8	9
0.0	0.688		0.688	0.687	0.685	0.684	0.682	0.680	0 4 7 7	
0.1	0.671									
0.2	0.621	0.615		0.601				_	•	
0.3	0.549			0.524						· · · · · ·
0.4	0.465									
0.5	0.383	0.375		0.359						
0.6	0.309	0.302		0.289						
0.7	0.247	0.241	0.236	0.231	0.226	0.221				
0-8	0.198	0.194	0.190	0-186	0.182					
0.9	0.161	0.158	0.155	0.152	0.149			0.141	0.168	
1.0	0.133	0.131	0.129	0.126	0.124	0.122			0.138	
1-1	0.112	0.110	0.108	0-107	0.105	0.103		0.100	0.116	
1.2	0.095	0.094	0.093	0.091	0.090	0.089			0.098	-
1-3	0.082	0.081	0.080	0.079	0.078	0.077	0.075	0.086 0.074	0.085	_
1-4	0.071	0.070	0.069	0.068	0.068	0.067	0.066		0.073	
1.5	0.062	0.061	0.061	0-060	0.059	0.058	0.058	0.065	0.064	0.063
1.6	0.055	0.054	0.053	0.053	0.052	0.051	0.051	0.057	0.056	0.055
1.7	0.048	0.047	0.047	0.046	0.046	0.045	0.045	0.050	0.049	0.049
1.8	0.042	0.042	0.041	0-041	0.040	0.040	0.039	0.044	0.043	0.043
1.9	0.037	0.037	0.037	0.036	0.036	0.035	0.035		0.038	0.038
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.034	0.034	0.034
2-1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.031	0.030	0.030
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.027	0.027	0.026
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.024	0.024	0.024
2-4	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.021	0.021	0.021
2.5	0.019	0.018	0.018	0.018	0.018	0.017	0.013	0.019	0.019	0.019
2.6	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.017	0.017	0.017
2.7	0.015	0.015	0.014	0.014	0.014	0.014	0.013	0.015	0.015	0.015
2.8	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.014	0.013	0.013
2.9	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.012	0.012	0.012
3.0	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.011	0.011
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009
3.3	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.008 0.007	0.008	300.0
3.4	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.007
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.004	0.004	0-004	0.004	0.004	0.004	0.004	0.003	0.005	0.005
3.9	0.004	0.004	0-004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.004	0.004
4.1	0.003	0.003	0-003	0.003	0.003	0.003	0.003		0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003 0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.002		0.003	0.003
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002 0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002		0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
							0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.668	0.667	0.667	0.666	0.665	0.664	0.662	0.660	0.658	0.655
0.1	0.652	0.649	0.645	0.641	0.637	0.633	0.629	0.624	0.619	0.613
0.2	0.608	0.602	0.596	0.590	0.584	0.577	0.571	0.564	0.557	0.550
0.3	0.543	0.535	0.528	0.520	0.513	0.505	0.498	0.490	0.482	0.474
0.4	0.466	0.458	0.451	0.443	0.435	0.427	0.419	0.412	0.404	0.396
0.5	0.389	0.381	0.374	0.366	0.359	0.352	0.344	0.337	0.330	0.324
1.6	0.317	0.310	0.304	0.297	0.291	0.285	0.279	0.273	0.267	0.261
C. 7	0.256	0.250	0.245	0.239	0.234	0.229	0.224	0.220	0.215	0.210
· 8	0.206	0.202	0.197	0.193	0.189	0.185	0.182	0.178	0.174	0.171
. 9	0.167	0.164	0.161	0.158	0.154	0.151	0.149	0.146	0.143	0.140
1.0	0.138	0.135	0.133	0.130	0.128	0.126	0.123	0.121	0.119	0.117
1	0.115	0.113	0.111	0.109	0.108	0.106	0.104	0.102	0.101	0.099
1.2	0.097	0.096	0.094	0.093	0.092	0.090	0.089	0.087	0.086	0.085
١,,,	0.084	0.082	0.081	0.080	0.079	0.078	0.077	0.075	0.074	0.073
1 4	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.066	0.065	0.064
1.5	0.063	0.062	0.061	0.060	0.060	0.059	0.058	0.057	0.057	0.056
1.6	0.055	0.054	0.054	0.053	0.052	0.052	0.051	0.050	0.050	0.049
1.7	0.048	0.048	0.047	0.047	0.046	0.045	0.045	0.044	0.044	0.043
1.8	0.043	0.042	0.042	0.041	0.040	0.040	0.039	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	J. 026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
2.6	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.7	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0 307	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0,004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	В	9
0.0	0.649	0.649	0.648	0.648	0.647	0.645	0.644	0.642	0.640	0.638
0.1	0.635	0.632	0.629	0.626	0.622	0.618	0.614	0.610	0.605	0.600
0.2	0.595	0.590	0.585	0.579	0.574	0.568	0.562	0.556	0.549	0.543
0-3	0.536	0.530	0.523	0.516	0.509	0.502	0.495	0.488	0.481	0.473
0.4	0.466	0.459	0.451	0.444	0.437	0.429	0.422	0.415	0.407	0.400
0.5	0.393	0.386	0.379	0.372	0.365	0.358	0.351	0.344	0.337	0.331
0.6	0.324	0.317	0.311	0.305	0.299	0.293	0.287	0.281	0.275	0.269
0.7	0.263	0.258	0.253	0.247	0.242	0.237	0.232	0.227	0.223	0.218
0.8	0.213	0.209	0.205	0.200	0.196	0.192	0.188	0.184	0.181	0.177
0.9	0.173	0.170	0.167	0.163	0.160	0.157	0.154	0.151	0.148	0.145
1.0	0.142	0.140	0.137	0.134	0.132	0.130	0.127	0.125	0.123	0.120
1.1	0.115	0.116	0.114	0.112	0.110	0.108	0.107	0.105	0.103	0.101
1.2	0.100	0.098	0.097	0.095	0.093	0.092	0.091	0.089	0.088	0.086
1.3	0.085	0.084	0.083	0.081	0.080	0.079	0.078	0.077	0.075	0.074
1.4	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064
1.5	0.064	0.063	0.062	0.061	0.060	0.059	0.059	0.058	0.057	0.056
1.6	0.055	0.055	0.054	0.053	0.053	0.052	0.051	0.051	0.050	0.049
1.7	0.049	0.048	0.047	0.047	0.046	0.046	0.045	0.044	0.044	0.043
1.8	0.043	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.035 0.031	0.035	0.035	0.034 0.030	0.034
2.0	0.033	0.033	0.033	0.032	0.032 0.028	0.028	0.031	0.027	0.030	0.026
2.1 2.2	0.029 0.026	0.029	0.029	0.029 0.025	0.025	0.025	0.021	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.023	0.023	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
2.6	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015
2.7	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	800.0	0.008
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4-1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4-2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4 4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002		0.002	0.002
4.6	0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
				0.001	J , J J L					

	0	1	2	3	4	5	6	7	8	9
0.0	0.632	0.632	0.631	0.631	0.630	0.629	0.627	0.626	0.624	0.622
0.1	0.619	0.617	0.614	0.611	0.608	0.604	0.600	0.597	0.592	0.588
0.2	0.584	0.579	0-574	0.569	0.564	0.559	0.553	0.548	0.542	0.536
0.3	0.530	0.524	0.518	0.511	0.505	0.498	0.492	0.485	0.478	0.472
0.4	0.465	0.458	0.451	0.444	0.437	0.431	0.424	0.417	0.410	0.403
0.5	0.396	0.389	0.383	0.376	0.369	0.362	0.356	0.349	0.343	0.316
0.6	0.339	0.324	0.318	0.311	0.305	0.299	0.293	0.288	0.282	0.276
0.7	0.271	0.265	0.260	0.255	0.249	0.244	0.239	0.234	0.230	0.225
0.8	0.220	0.216	0.211	0.207	0.203	0.199	0.195	0.191	0.187	0.193
0.9	0.179	0.176	0.172	0.169	0.166	0.162	0.159	0.156	0.153	0.150
1.0	0.147	0.144	0.142	0.139	0.136	0.134	0.131	0.129	0.126	0.124
1.1	0.122	0.120	0.118	0.116	0.113	0.111	0.110	0.108	0.106	0.104
1.2	0.102	0.101	0.099	0.097	0.096	0.094	0.093	0.091	0.090	0.088
1.3	0.087	0.085	0.084	0.083	0.082	0.080	0.079	0.078	0.077	0.076
1.4	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.065
1.5	0.064	0.063	0.063	0.062	0.061	0.060	0.059	0.058	0.058	0.057
1.6	0.056	0.055	0.055	0.054	0.053	0.052	0.052	0.051	0.050	0.050
1.7	0.049	0.048	0.048	0.047	0.046	0.046	0.045	0.045	0.044	0.044
1.8	0.043	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034
2.0	0.033	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.050
2.1	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.618	0.017	0.017	0.017	0.017	0.017	0.016
2.6	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015
2.7	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008 0.007
3.2 3.3	0.008 0.007	0.008	0.008 0.007	0.008 0.007	0.008 0.007	0.008 0.007	0.008 0.007	0.008	0.008	0.007
3.4	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.903
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.901

	O	1	2	3	4	5	6	7	8	9
0.0	0.616	0.616	0.616	0.615	0.615	0.614	0.612	0.611	0.609	0.607
0.1	0.605	0.603	0.600	0.597	0.594	0.591	0.588	0.584	0.581	0.577
0.2	0.573	0.568	0.564	0.559	0.555	0.550	0.545	0.540	0.534	0.529
0.3	0.523	0.518	0.512	0.506	0.500	0.494	0.488	0.482	0.476	0.469
0.4	0.463	0.457	0.450	0.444	0.437	0.431	0.425	0.418	0.411	0.405
0.5	0.399	0.392	0.386	0.379	0.373	0.366	0.360	0.354	0.347	0.341
0.6	0.335	0.329	0.323	0.317	0.311	0.305	0.299	0.294	0.288	0.283
0.7	0.277	0.272	0.266	0.261	0.256	0.251	0.246	0.241	0.236	0.232
0.8	0.227	0.222	0.218	0.214	0.209	0.205	0.201	0.197	0.193	0.189
0.9	0.185	0.182	0.178	0.175	0.171	0.168	0.164	0.161	0.158	0.155 0.128
1.0	0.152	0.149	0.146 0.121	0.143	0.141	0.138	0.135	0.133 0.111	0.130	0.107
1.1 1.2	0.126 0.105	0.123 0.103	0.121	0.119	0.117 0.098	0.115	0.095	0.093	0.109	0.090
1.3	0.109	0-103	0.086	0.085	0.098	0.082	0.093	0.079	0.078	0.077
1.4	0.076	0.075	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066
1.5	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059	0.058	0.057
1.6	0.057	0.056	0.055	0.054	0.054	0.053	0.052	0.051	0.051	0.050
1.7	0.049	0.049	0.048	0.047	0.047	0.046	0.046	0.045	0.044	0.044
1.8	0.043	0.043	0.042	0.042	0.041	0.041	0.040	0.039	0.039	0. 138
1.9	0.038	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034
2.0	0.033	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018
2.5	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016
2.6	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015
2.7	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004 0.004	0.004	0.004
3.8 3.9	0.004	0.004 0.004	0.004	0.004 0.004	0.004 0.004	0.004	0.004 0.004	0.003	0.004	0.003
4.0	0.004 0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003
4.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	3	9
0.0	0.583	0.583	0.583	0.583	0.582	0.581	0.580	0.579	0.578	0.576
0.1	0.574	0.572	0.570	0.568	0.566	0.563	0.560	0.558	0.555	0.551
0.2	0.548	0.545	0.541	0.537	0.533	0.529	0.525	0.521	0.517	0.512
0.3	0.508	0.503	0.498	0.493	0.488	0.483	0.478	0.473	0.468	0.462
0.4	0.457	0.452	0.446	0.441	0.435	0.429	0.424	<b>0.418</b>	0.412	0.407
0.5	0.401	0.395	0.390	0.384	0.378	0.373	0.367	0.361	0.356	0.350
0.6	0.344	0.339	0.333	0.328	0.322	0.317	0.311	0.306	0.301	0.295
0.7	0.290	0.285	0.280	0.275	0.270	0.265	0.260	0.255	0.251	0.246
0.8	0.242	0.237	0.233	0.228	0.224	0.220	0.215	0.211	0.207	0.203
0.9	0.199	0.196	0.192	0.188	0.185	0.181	0.177	0.174	0.171	0.167
1.0	0.164	0.161	0.158	0.155	0.152	0.149	0.146	0.144	0.141	0.138
1.1	0.136	0.133	0.131	0.128	0.126	0.123	0.121	0.119	0.117	0.115
1.2	0.113	0.111	0.109	0.107	0.105	0.103	0.101	0.099	0.098	0.096
1.3	0.094	0.093	100.0	0.090	0.088	0.087	0.085	0.084	0.082	0.081
1.4	0.080	0.078	0.077	0.076	0.075	0.073	0.072	0.071	0.070	0.069
1.5	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061	0.060	0.059
1.6	0.058	0.058	0.057	0.056	0.055	0.054	0.054	0.053	0.052	0.051
1.7	0.051	0.050	0.049	0.048	0.048	0.047	0.046	0.046	0.045	0.045
1.8	0.044	0.043	0.043	0.042	0.042	0.041	0.041	0.040	0.039	0.039
1.9	0.038	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034
2.0	0.034	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030
2.1	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.020	0.019	0.019	.0.019	0.019	0.018	0.018
2.5	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016
2.6	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.014
2.7	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.613	0.013	0.013
2.8	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
2.9	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.008	0.008	0.008	800.0	0.008	0.008
3.2 3.3	0.008 0.007	0.008	0.008	0.008 0.007	0.008	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007 0.006	0.007	0.006	0.007 0.006	0.007 0.006	0.007 0.006	0.007 0.006	0.006 0.006	0.006 0.006
3.5	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.C04
3.9	0.004	0.004	0.004	0.003	0.003	0.003	0.003		0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.557	0.557	0.556	0.556	0.555	0.555	0.554	0.553	0.552	0.551
0.1	0.549	0.548	0.546	0.544	0.542	0.540	0.538	0.535	0.533	0.530
0.2	0.527	0.524	0.521	0.518	0.515	0.512	0.508	0.504	0.501	0.497
0.3	0.493	0.489	0.485	0.481	0.477	0.472	0.468	0.463	0.459	0.454
0.4	0.450	0.445	0.440	0.435	0.431	0.426	0.421	0.416	0.411	0.406
0.5	0.401	0.396	0.391	0.385	0.380	0.375	0.370	0.365	0.360	0.355
0.6	0.350	0.345	0.339	0.334	0.329	0.324	0.319	0.314	0.309	0.304
0.7	0.300	0.295	0.290	0.285	0.280	0.276	0.271	0.267	0.262	0.257
0.8	0.253	0.249	0.244	0.240	0.236	0.232	0.227	0.223	0.219	0.215
0.9	0.211	0.208	0.204	0.200	0.196	0.193	0.189	0.186	0.182	0.179
1.0	0.175	0.172	0.169	0.166	0.163	0.160	0.157	0.154	0.151	0.148
1.1	0.145	0.143	0.140	0.137	0.135	0.132	0.130	0.127	0.125	0.123
1.2	0.121	0.118	0.116	0.114	0.112	0.110	0.108	0.106	0.104	0.102
1.3	0.100	0.099	0.097	0.095	0.094	0.092	0.090	0.089 0.075	0.087	0.036
1.4	0.084	0.083	0.081	0.080 0.068	0.079 0.067	0.077 0.066	0.076 0.065	0.064	0.074 0.063	0.072 0.062
1.5	0.071	0.070 0.060	0.069 0.059	0.058	0.057	0.056	0.055	0.055	0.054	0.053
1.7	0.061 0.052	0.051	0.051	0.050	0.049	0.048	0.048	0.047	0.046	0.046
1.8	0.045	0.044	0.044	0.043	0.042	0.042	0.041	0.041	0.040	0.040
1.9	0.039	0.039	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.035
2.0	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030
2.1	0.030	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.026
2.2	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.018	0.018
2.5	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016
2.6	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014
2.7	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.8	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
2.9	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
3.0	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.1	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.2	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.4	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005 0.004	0.005	0.004	0.004	0.004	0.004
3.7 3.8	0.004 0.004	0.004 0.004	0.004 0.004	0.004 0.004	0.004	0.004 0.004	0.004 0.004	0.004	0.004	0.004
3.9	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.535	0.535	0.535	0.534	0.534	0.533	0.532	0.532	0.531	0.530
0.1	0.528	0.527	0.526	0.524	0.522	0.520	0.519	0.516	0.514	0.512
0.2	0.510	0.507	0.504	0.502	0.499	0.496	0.493	0.490	0.487	0.483
0.3	0.480	0.477	0.473	0.469	0.466	0.462	0.458	0.454	0.450	0.446
0.4	0.442	0.438	0.434	0.430	0.425	0.421	0.417	0.412	0.408	0.403
0.5	0.399	0.394	0.390	0.385	0.380	0.376	0.371	0.366	0.362	0.357
0.6	0.352	0.348	0.343	0.338	0.334	0.329	0.324	0.320	0.315	0.311
0.7	0.306	0.302	0.297	0.293	0.288	0.284	0.279	0.275	0.270	0.266
0.8	0.262	0.258	0.253	0.249	0-245	0.241	0.237	0.233	0.229	0.225
0.9	0.221	0.218	0.214	0.210	0.206	0.203	0.199	0.196	0.192	0.189
1.0	0.185	0.182	0.179	0.176	0.172	0.169	0.166	0.163	0.160	0.157
1.1	0.155	0.152	0.149	0.146	0.144	0.141	0.138	0.136	0.133	0.131
1.2	0.129	0.126	0.124	0.122	0.119	0.117	0.115	0.113	0.111	0.109
1.3	0.107	0.105	0.103	0.101	0.099	0.098	0.096	0.094	0.093	0.091
1.4	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079	0.078	0.076
1.5	0.075	0.074	0.073	0.071	0.070	0.069	0.068	0.067	0.066	0.065
1.6	0.063	0.062	0.061	0.060	0.059	0.058	0.058	0.057	0.056	0.055
1.7	0.054	0.053	0.052	0.052	0.051	0.050	0.049	0.048	0.048	0.047
1.8	0.046	0.046	0.045	0.044	0.044	0.043	0.042	0.042	0.041	0.040
1.9	0.040	0.039	0.039	0.038	0.038	0.037	0.037	0.036	0.036	0.035
2.0	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031	0.030
2.1	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018
2.5	0.018	0.017	0.017	0.017	0.017	0.017	0.016 0.014	0.016	0.016	0.016
2.6	0.016 0.014	0.015 0.014	0.015 0.013	0.015 0.013	0.015 0.013	0.015 0.013	0.014	0.014 0.013	0.014 0.012	0.014 0.012
2.7 2.8	0.017	0.017	0.013	0.013	0.013	0.013	0.011	0.011	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.010	0.010	0.010	0.010	0.010
3.0	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008
3.1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.2	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.3	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.4	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	o	1	2	3	4	5	6	7	8	9
0.0	0.517	0.517	0.516	0.516	0.516	0.515	0.515	0.514	0.513	0.512
0.1	0.511	0.510	0.509	0.507	0.506	0.504	0.502	0.501	0.499	0.497
0.2	0.495	0.492	0.490	0.488	0.485	0.483	0.480	0.477	0.475	0.472
0.3	0.469	0.466	0.462	0.459	0.456	0.453	0.449	0.446	0.442	0.439
0.4	0.435	0.431	0.427	0.424	0.420	0.416	0.412	0.408	0.404	0.400
0.5	0.396	0.392	0.387	0.383	0.379	0.375	0.371	0.366	0.362	0.358
0.6	0.354	0.349	0.345	0.341	0.336	0.332	0.328	0.323	0.319	0.315
0.7	0.310	0.306	0.302	0.298	0.293	0.289	0.285	0.281	0.277	0.273
0.8	0.269	0.265	0.261	0.257	0.253	0.249	0.245	0.241	0.237	0.233
0.9	0.229	0.226	0.222	0.218	0.215	0.211	0.208	0.204	0.201	0.197
1.0	0.194	0.191	0.187	0.184	0.181	0.178	0.175	0.172	0.169	0.166
1.1	0.163	0.160	0.157	0.154	0.151	0.149	0.146	0.144	0.141	0.138
1.2	0.136	0.133	0.131	0.129	0.126	0.124	0.122	0.120	0.118	0.115
1.3	0.113	0.111	0.109	0.107	0.105	0.103	0.102	0.100	0.098	0.096
1.4	0.095	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.081
1.5	0.079	0.078	0.076	0.075	0.074	0.072	0.071	0.070	0.069	0.068
1.6	0.066	0.065	0.064	0.063	0.062	0.061	0.060	0.059	0.058	0.057
1.7	0.056	0.055	0.054	0.053	0.053	0.052	0.051	0.050	0.049	0.049
1.8	0.048	0.047	0.046	0.046	0.045	0.044	0.043	0.043	0.042	0.041
1.9	0.041	0.040	0.040	0.039	0.038	0.038	0.037	0.037	0.036	0.036
2.0	0.035	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031
2.1	0.030	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016
2.6	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.7	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.8	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011
2.9	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
3.0	0.009	0.009	0.009	0.009	0.009	0.009	U.009	0.008	0.008	0.008
3.1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
3.2	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.3	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.4	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.00?
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.6	0.001	0.001	6.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	4
0.0	0.501	0.501	0.501	0.501	0.501	0.500	0.500	0.499	0.498	0.497
0.1	0.496	0.495	0.494	0.493	0.492	0.490	0.489	0.487	0.486	0.484
0.2	0.482	0.480	0.478	0.476	0.474	0.471	0.469	0.466	0.464	0.461
0.3	0.459	0.456	0.453	0.450	0.447	0.444	0.441	0.438	0.435	0.431
0.4	0.428	0.425	0.421	0.418	0.414	0.411	0.407	0.404	0.400	0.396
0.5	0.393	0.389	0.385	0.381	0.377	0.373	0.369	0.365	0.362	0.358
0.6	0.354	0.350	0.346	0.342	0.338	0.334	0.329	0.325	0.321	0.317
0.7	0.313	0.309	0.305	0.301	0.297	0.293	0.289	0.285	0.282	0.278
0.8	0.274	0.270	0.266	0.262	0.258	0.255	0.251	0.247	0.243	0.240
0.9	0.236	0.232	0.229	0.225	0.222	0.218	0.215	0.211	0.208	0.204
1.0	0.201	0.198	0.195	0.191	0.188	0.185	0.182	0.179	0.176	0.173
1.1	0.170	0.167	0.164	0.161	0.159	0.156	0.153	0.150	0.148	0.145
1.2	0.143	0.140	0.138	0.135	0.133	0.131	0.128	0.126	0.124	0.121
1.3	0.119	0.117	0.115	0.113	0-111	0.109	0.107	0.105	0.103	0.101
1.4	0.100	0.098	0.096	0.094	0.093	0.091	0.089	0.088	0.086	0.085
1.5	0.083	0.082	0.080	0.079	0.077	0.076	0.075	0.073	0.072	0.071
1.6	0.070	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061	0.060
1.7	0.059	0.058	0.05?	0.056	0.055	0.054	0.053	0.052	0.051	0.050
1.8	0.049	0.049	0.048	0.047	0.046	0.046	0.045	0.044	0.043	0.043
1.9	0.042	0.041	0.041	0.040	0.039	0.039	0.038	0.038	0.037	0.036
2.0	0.036	0.035	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031
2.1	0.031	0.030	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027
2.2	0.027	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.6	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013
2.7	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012
2.8	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010
2.9	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.0	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.1	0.008	800.0	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
3.2	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
3.8 3.9	0.003	0.003 0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.002	0.003	0.003	0.003				
							0.002	0.002	0.002	0.002
4.1 4.2	0.002 0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002 0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001
4.5	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>7.0</b>	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	"3	4	5	6	7	8	9
0.0	0.489	0.489	0.488	0.488	0.488	0.488	0.487	0.486	0.486	0.485
0.1	0.484	0.483	0.482	0.481	0.480	0.479	0.477	0.476	0.474	0.473
0.2	0.471	0.469	0.467	0.465	0.463	0.461	0.459	0.457	0.455	0.452
0.3	0.450	0.447	0.445	0.442	0.439	0.437	0.434	0.431	0.428	0.425
0.4	0.422	0.419	0.416	0.413	0.409	0.406	0.403	0.399	0.396	0.393
0.5	0.389	0.386	0.382	0.379	0.375	0.371	0.368	0.364	0.360	0.357
0.6	0.353	0.349	0.346	0.342	0.338	0.334	0.330	0.327	0.323	0.319
0.7	0.315	0.311	0.308	0.304	0.300	0.296	0.293	0.289	0.285	0.281
0.8	0.278	0.274	0.270	0.266	0.263	0.259	0.255	0.252	0.248	0.245
0.9	0.241	0.239	0.234	0.231	0.227	0.224	0.220	0.217	0.214	0.210
1.0	0.207	0.204	0.201	0.197	0.194	0.191	0.188	0.185	0.182	0.179
1.1	0.176	0.173	0.170	0.168	0.165	0.162	0.159	0.157	0.154	0.151
1.2	0.149	0.146	0.144	0.141	0.139	0.136	0.134	0.132	0.129	0.127
1.3	0.125	0.123	0.120	0.118	0.116	0.114	0.112	0.110	0.108	0.106
1.4	0.104	0.103	0.101	0.099	0.097	0.095	0.094	0.092	0.090	0.089
1.5	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074
1.6	0.073	0.072	0.070	0.069	0.068	0.067	0.066	0.064	0.063	0.062
1.7	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052
1.8	0.051	0.050	0.050	0.049	0.048	0.047	0.046	0.046	0.045	0.044
1.9	0.043	0.043	0.042	0.041	0.041	0.040	0.039	0.039	0.038	0.037
2.0	0.037	0.036	0.036	0.035	0.034	0.034	0.033	0.033	0.032	0.032
2.1	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.027
2.2	0.027	0.026	0.026	0.026	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.6	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.013
2.7	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.011
2.8	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
2.9	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.0	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.1	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.2	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.0 4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002 0.002	0.002 0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.001	0.002 0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.5	0.001	0.001	0.001	0.001	0.001 0.001	0.001	0.001 0.001	0.001	0.001	0.001
4.6	0.001	0.001	0.001			0.001		0.001	0.001	0.001
7.0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.478	0.478	0.478	0.477	0.477	0 477	0 171			
0.1	0.474	0.473	0.472	0.471	0.470	0.477	0.476	0.476	0.475	0.474
0.2	0.462	0.460	0.458	0.456		0.469	0.467	0.466	0.465	0.463
0.3	0.442	0.440	0.437	0.435	0.455 0.433	0.453	0.451	0.449	0.447	0.444
0.4	0.416	0.414	0.411	0.408	0.405	0.430	0.427	0.425	0.422	0.419
0.5	0.386	0.383	0.379	0.376	0.373	0.402	0.399	0.395	0.392	0.389
0.6	0.352	0.349	0.345	0.341	0.338	0.369 0.334	0.366	0.362	0.359	0.356
0.7	0.316	0.313	0.309	0.306	0.302	0.298	0.331	0.327	0.324	0.320
0.8	0.280	0.277	0.273	0.270	0.266	0.263	0.295	0.291	0.288	0.284
0.9	0.245	0.242	0.238	0.235	0.232	0.228	0.259 0.225	0.256	0.252	0.249
1.0	0.212	0.209	0.206	0.203	0.199	0.196	0.193	0.222	0.218	0.215
1.1	0.181	0.179	0.176	0.173	0.170	0.167	0.165	0.190	0.187	0.184
1.2	0.154	0.151	0.149	0.146	0.144	0.141	0.139	0.162	0.159	0.157
1.3	0.130	0.128	0.125	0.123	0.121	0.119		0.137	0.134	0.132
1.4	0.109	0.107	0.105	0.103	0.101	0.100	0.117	0.115	0.113	0.111
1.5	0.091	0.089	0.088	0.086	0.085	0.083	0.098 0.082	0.096	0.094	0.093
1.6	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.080	0.079	0.077
1.7	0.064	0.062	0.061	0.060	0.059	0.058		0.067	0.066	0.065
1.8	0.053	0.052	0.051	0.050	0.050	0.049	0.057	0.056	0.055	0.054
1.9	0.045	0.044	0.043	0.042	0.042	0.041	0.048 0.040	0.047	0.046	0.045
2.0	0.038	0.037	0.036	0.036	0.035	0.035	0.034	0.040	0.039	0.038
2.1	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.034	0.033	0.032
2.2	0.027	0.027	0.026	0.026	0.025	0.025	0.025	0.028 0.024	0.028	0.028
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.024	0.024
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.020	0.020
2.5	0.017	0.017	0.017	0.015	0.016	0.016	0.016	0.015	0.018	0.017
2.6	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.015	0.015
2.7	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013
2.8	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010		0.011
2.9	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.008
3.0	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	
3.1	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007 0.006
3.2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0-004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3 - 8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4-3	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
4-4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.469	0.468	0.468	0.468	0.468	0.468	0.467	0.467	0.466	0.465
0.1	0.465	0.464	0.463	0.462	0.461	0.460	0.459	0.458	0.456	0.455
0.2	0.453	0.452	0.450	0.449	0.447	0.445	0.443	0.441	0.440	0.437
0.3	0.435	0.433	0.431	0.429	0.426	0.424	0.422	0.419	0.417	0.414
0.4	0.411	0.409	0.406	0.403	0.400	0.398	0.395	0.392	0.389	0.386
0.5	0.383	0.380	0.377	0.374	0.370	0.367	0.364	0.361	0.358	0.354
0.6	0.351	0.348	0.344	0.341	0.338	0.334	0.331	0.327	0.324	0.320
0.7	0.317	0.314	0.310	0.307	0.303	0.300	0.296	0.293	0.289	0.286
0.8	0.283	0.279	0.276	0.272	0.269	0.265	0.262	0.259	0.255	0.252
0.9	0-249	0.245	0.242	0.239	0.235	0.232	U.229	0.226	0.222	0.219
1.0	0-216	0.213	0.210	0.207	0.204	0.201	0.198	0.195	0.192	0.139
1.1	0.186	0.183	0.180	0.178	0.175	0.172	0.169	0.167	0.164	0.161
1.2	0.159	0.156	0.154	0.151	0.149	0.146	0.144	0.141	0.139	0.137
1.3	0.134	0.132	0.130	0.128	0.125	0.123	0.121	0.119	0.117	0.115
1.4	0.113	0.111	0~109	0.107	0.105	0.103	0.102	0.100	0.098	0.096
1.5	0.095	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.080
1.6	0.079	0.078	0.076	0.075	0.074	0.072	0.071	0.070	0.068	0.067
1.7	0.066	0.065	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.056
1.8	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.049	0.048	0.047
1.9	0.046	0.045	0-044	0.044	0.043	0.042	0.041	0.041	0.040	0.039
2.0	0.039	0.038	0.037	0.037	0.036	0.035	0.035	0.034	0.034	0.033
2.1	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028
2.2	0.028	0.027	0.027	0.026	0.026	0.025	0.025	0.025	0.024	0.024
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.6	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013
2.7	0.013	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
2.8	0.011	0.011	C-011	0.010	0.010	0.010	0.010	0.010	0.010	0.010
2.9	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.0	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
3.1	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006
3.2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.3	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
4.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.461	0.461	0.460	0.460	0 440					
0.1	0.457	0.456	0.455	0.455	0.460 0.454	0.460	0.459	0.459	0.458	0.458
0.2	0.446	0.445	0.444	0.442	0.440	0.453	0.451	0.450	0.449	0.448
0.3	0.430	0.428	0.425	0.423		0.439	0.437	0.435	0.433	0.431
0.4	0.407	0.405	0.402	0.399	0.421	0.419	0.417	0.414	0.412	0.410
0.5	0.380	0.377	0.374	0.371	0.397 0.368	0.394	0.391	0.389	0.386	0.383
0.6	0.350	0.347	0.343	0.340	0.337	0.365	0.362	0.359	0.356	0.353
0.7	0.317	0.314	0.311	0.307	0.304	0.334 0.301	0.330	0.327	0.324	0.321
0.8	0.284	0.281	0.278	0.274	0.271	0.268	0.297	0.294	0.291	0.287
0.9	0.251	0.248	0.245	0.242	0.238	0.235	0.264	0.261	0.258	0.255
1.0	0.220	0.217	0.213	0.210	0.207	0.204	0.232	0.229	0.226	0.223
1.1	0.190	0.187	0.184	0.181	0.179	0.176	0.173	0.199	0.196	0.193
1.2	0.163	0.160	0.158	0.155	0.153	0.150	0.148	0.171	0.168	0.165
1.3	0.138	0.136	0.134	0.131	0.129	0.127	0.125	0.145	0.143	0.141
1.4	0.117	0.115	0.113	0.111	0.109	0.107	0.105	0.123	0.121	0.119
1.5	0.098	0.096	0.094	0.093	0.091	0.090	0.088	0.103 0.086	0.101	0.100
1.6	0.082	0.080	0.079	0.078	0.076	0.075	0.073	0.072	0.085	0.083
1.7	0.068	0.067	0.066	0.065	0.063	0.062	0.061	0.060	0.071	0.070
1.8	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.058
1.9	0-047	0.047	0.046	0.045	0.044	0.043	0.043	0.042	0.049	0.048
2.0	0.040	0.039	0.038	0.038	0.037	0.036	0.036	0.035	0.034	0.040
2.1	0.033	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.029	0.034 0.028
2.2	0.028	0.027	0.027	0.027	0.026	0.026	0.025	0.025	0.024	0.028
2.3	0.024	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020
2.4 2.5	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.020
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.7	0.014 0.012	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013
2.8	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
2.9	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
3.0	0.008	0.009 0.008	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
3.1	0.007	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
3.2	0.006	0.006	0.007 0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.3	0.005	0.005	0.005	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.4	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.002	0.002	0.002	0.002	0.002	0.002 0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.001	0.001	0.001	0.001	0.001	0.002	0.002 0.001	0.002	0.001	0.001
4.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
				<b>-</b>		- T 0.0 I	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
		0 1 5 1	0 454	0.453	0.453	0.453	0.452	0.452	0.452	0.451
0.0	0.454	0.454	0.454	0.448	0.447	0.446	0.445	0-444	0.443	0.442
0.1	0.450	0.450	0.449	0.436	0.435	0.433	0.431	0.430	0.428	0.426
0.2	0.440	0.439	0.421	0.419	0.416	0.414	0.412	0.410	0.408	0.405
0.3	0.424	0.422	0.398	0.396	0.393	0.391	0.388	0.385	0.383	0.380
0.4	0.403	0.401 0.375	0.372	0.369	0.366	0.363	0.360	0.357	0.354	0.351
0.5	0.377	0.345	0.342	0.339	0.336	0.333	0.330	0.327	0.324	0.321
0.6	0.348	0.314	0.311	0.308	0.305	0.301	0.298	0.295	0.232	0.289
0.7	0.317	0.282	0.279	0.276	0.273	0.269	0.266	0.263	0.260	0.257
0.8	0.285 0.253	0.250	0.247	0.244	0.241	0.238	0.235	0.232	0.229	0.226
0.9	0.233	0.219	0.216	0.214	0.211	0.208	0.205	0.202	0.199	0.196
1.0	0.193	0.190	0.188	0.185	0.182	0.179	0.177	0.174	0.171	0.169
1.1 1.2	0.166	0.164	0.161	0.159	0.156	0.154	0.151	0.149	0.146	0.144
1.3	0.142	0.139	0.137	0.135	0.133	0.130	0.128	0.126	0.124	0.122
1.4	0.120	0.118	0.116	0.114	0.112	0.110	0.108	0.106	0.104	0.103
1.5	0.101	0.099	0.097	0.096	0.094	0.092	0.091	0.089	0.087	0.086
1.6	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.074	0.073	0.072
1.7	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	0.061	0.060
1.8	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050 0.041
1.9	0.049	0.048	0.047	0.046	0.045	0.045	0.044	0.043	0.042	
2.0	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.036	0.035	0.035
2.1	0.034	0.033	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.024
2.2	0.028	0.028	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.020
2.3	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021	0.018	0.017
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.015	0.015
2.5	0.017	0.017	0.016	0.016	0.016	0.016	0.015	0.013	0.013	0.012
2.6	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.011	0.011	0.011
2.7	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.009	0.009	0.009
2.8	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.008	0.008
2.9	0.009	0.009	0.009	0.009	0.008	800.0	0.007	0.007	0.007	0.007
3.0	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.1	0.007	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.2	0.006	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.3	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
3.4	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.093
3.5	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
3.7	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002		0.002	0.002	0.002	0.902	0.003
3.9	0.002	0.002	0.002	0.002		0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002		0.001	0.001	0.001	0.001	0.001
4.1	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.2	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.3	0.001	0.001	0.001	0.001	440.7					

	O	1	2	3	4	5	6	7	8	9
0.0	0.443	0.443	0.442	0.442	0.442	0.442	0.441	0.441	0.441	0.440
0.1	0.440	0.439	0.438	0.437	0.437	0.436	0.435	0.434	0.433	0.432
0.2	0.431	0.429	0.428	0.427	0.425	0.424	0.422	0.421	0.419	0.418
0.3	0.416	0.414	0.412	0.411	0.409	0.407	0.405	0.403	0.401	0.399
0.4	0.396	0.394	0.392	0.390	0.387	0.385	0.383	0.380	0.378	0.375
0.5	0.373	0.370	0.368	0.365	0.362	0.360	0.357	0.354	0.352	0.349
0.6	0.346	0.343	0.340	0.338	0.335	0.332	0.329	0.326	0.323	0.320
0.7	0.317	0.314	0.311	0.308	0.305	0.302	0.299	0.296	0.293	0.290
0.8	0.287	0.284	0.281	0.278	0.275	0.272	0.269	0.266	0.263	0.260
0.9	0.257	0.254	0.251	0.248	0.245	0.242	0.239	0.236	0.233	0.230
1.0	0.227	0.224	0.221	0.218	0.215	0.213	0.210	0.207	0.204	0.201
1.1	0.198	0.196	0.193	0.190	0.188	0.185	0.182	0.180	0.177	0.174
1.2	0.172	0.169	0.167	0.164	0.162	0.159	0.157	0.155	0.152	0.150
1.3	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132	0.130	0.128
1.4	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108
1.5	0.106	0.104	0.102	0.101	0.099	0.097	0.095	0.094	0.092	0.091
1.6	0.089	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076
1.7	0.074	0.073	0.072	0.070	0.069	0.068	0.067	0.065	0.064	0.063
1.8	0.062	0.061	0.060	0.059	0.057	0.056	0.055	0.054	0.053	0.052
1.9	0.051	0.050	0.049	0.049	0.048	0.047	0.046	0.045	0.044	0.043
2.0	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.037	0.036
2.1	0.035	0.035	0.034	0.033	0.033	0.032	0.032	0.031	0.030	0.030
2.2	0.029	0.029	0.028	0.028	0.027	0.027	0.026	0.026	0.025	0.025
2.3	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.7	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.010	0.010
2.8	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
2.9	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.0	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.1	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
5.2	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.3	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.4	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
3.5	<b>9.003</b>	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.602
4.0	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.1	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.434	0.434	0.434	0.434	0.434	0.433	0.433	0.433	0.432	0.432
0.1	0.431	0.431	0.430	0.429	0.429	0.428	0.427	0.426	0.425	0.424
0.2	0.423	0.422	0.421	0.419	0.418	0.417	0.415	0.414	0.412	0.411
0.3	0.409	0.408	0.406	0.404	0.403	0.401	0.399	0.397	0.395	0.393
0.4	0.391	0.389	0.387	0.385	0.383	0.381	0.378	0.376	0.374	0.372
0.5	0.369	0.367	0.364	0.362	0.359	0.357	0.354	0.352	0.349	0.347
0.6	0.344	0.341	0.339	0.336	0.333	0.331	0.328	0.325	0.322	0.319
0.7	0.317	0.314	0.311	0.308	0.305	0.302	0.300	0.297	0.294	0.291
0.8	0.288	0.285	0.282	0.279	0.276	0.273	0.271	0.268	0.265	0.262
0.9	0.259	0.256	0.253	0.250	0.247	0.244	0.242	0.239	0.236	0.233
1.0	0.230	0.227	0.225	0.222	0.219	0.216	0.213	0.211	0.208	0.205
1.1	0.202	0.200	0.197	0.194	0.192	0.189	0.186	0-184	0.181	0.179
1.2	0.176	0.174	0.171	0.169	0.166	0.164	0.161	0.159	0.157	0.154
1.3	0.152	0.150	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132
1.4	0.130	0.128	0.126	0.124	0.122	0.120	0.118	0.116	0.114	0.112
1.5	0.110	0.108	0.106	0.105	0.103	0.101	0.099	0.098	0.096	0.094
1.6	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.080	0.079
1.7	0.078	0.076	0.075	0.073	0.072	0.071	0.070	0.068	0.067	0.066
1.8	0.065	0.063	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055
1.9	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.0	0.044	0.043	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037
2.1	0.037	0.036	0.035	0.035	0.034	0.033	0.033	0.032	0.031	0.031
2.2	0.030	0.030	0.029	0.028	0.028	0.027	0.027	0.026	0.026	0.025
2.3	0.025	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021
2.4	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012
2.7	0.012	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
2.8	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
2.9	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.0	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.1	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.2	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
3.3	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.5	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.428	0.428	0.427	0.427	0.427	0.427	0.427	0.426	0.426	0.425
0.1	0.425	0.424	0.424	0.423	0.422	0.422	0.421	0.420	0.419	0.418
0.2	0.417	0.416	0.415	0.414	0.412	0.411	0.410	0.409	0.407	0.406
0.3	0.404	0.403	0.401	0.400	0.398	0.396	0.394	0.393	0.391	0.389
0.4	0.387	0.385	0.383	0.381	0.379	0.377	0.375	0.373	0.371	0.368
0.5	0.366	0.364	0.362	0.359	0.357	0.355	0.352	0.350	0.347	0.345
0.6	0.342	0.340	0.337	0.335	0.332	0.329	0.327	0.324	0.322	0.319
0.7	0.316	0.313	0.311	0.308	0.305	0.303	0.300	0.297	0.294	0.291
0.8	0.289	0.286	0.283	0.280	0.277	0.275	0.272	0.269	0.266	0.263
0.9	0.260	0.258	0.255	0.252	0.249	0.246	0.244	0.241	0.238	0.235
1.0	0.233	0.230	0.227	0.224	0.222	0.219	0.216	0.213	0.211	0.208
1.1	0.205	0.203	0.200	0.197	0.195	0.192	0.190	0.187	0.185	0.182
1.2	0.180	0.177	0.175	0.172	0.170	0.167	0.165	0.163	0.160	0.158
1.3	0.155	0.153	0.151	0.149	0.146	0.144	0.142	0.140	0.138	0.136
1.4	0.133	0.131	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.115
1.5	0.113	0.112	0.110	0.108	0.106	0.104	0.103	0.101	0.099	0.097
1.6	0.096	0.094	0.093	0.091	0.089	0.088	0.086	0.085	0.083	0.082
1.7	0.080	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068
1.8	0.067	0.066	0.064	0.063	0.062	0.061	0.060	0.059	0.058	0.057
1.9	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.049	0.048	0.047
2.0	0.046	0.045	0.044	0.043	0.042	0.042	0.041	0.040	0.039	0.038
2.1	0.038	0.037	0.036	0.036	0.035	0.034	0.033	0.033	0.032	0.032
2.2	0.031	0.030	0.030	0.029	0.029	0.028	0.027	0.027	0.026	0.026
2.3	0.025	0.025	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021
2.4	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
2.8	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
2.9	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.0	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.2	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.3	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.5	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.421	0.421	0.420
0.1	0.420	0.419	0.419	0.418	0.417	0.417	0.416	0.415	0.414	0.413
0.2	0.412	0.411	0.410	0.409	0.408	0.407	0.406	0.404	0.403	0.402
0.3	0.400	0.399	0.397	0.396	0.394	0.393	0.391	0.389	0.387	0.386
0.4	0.384	0.382	0.380	0.378	0.376	0.374	0.372	0.370	0.368	0.366
0.5	0.364	0.362	0.359	0.357	0.355	0.353	0.350	0.348	0.346	0.343
0.6	0.341	0.338	0.336	0.333	0.331	0.328	0.326	0.323	0.321	0.318
0.7	0.316	0.313	0.310	0.308	0.305	0.302	0.300	0.297	0.294	0.292
0.8	0.289	0.286	0.283	0.281	0.278	0.275	0.273	0.270	0.267	U.264
0.9	0.262	0.259	0.256	0.253	0.251	0.248	0.245	0.242	0.240	0.237
1.0	0.234	0.232	0.229	0.226	0.224	0.221	0.218	0.216	0.213	0.210
1.1	0.208	0.205	0.202	0.200	0.197	0.195	0.192	0.190	0.187	0.185
1.2	0.182	0.180	0.177	0.175	0.172	0.170	0.168	0.165	0.163	0.161
1.3	0.158	0.156	0.154	0.151	0.149	0.147	0.145	0.143	0.140	C-138
1.4	0.136	0.134	0.132	0.130	0.128	0-126	0.124	0.122	0.120	0.118
1.5	0.116	0.114	0.112	0.111	0.109	0.107	0.105	0.103	0.102	0.100
1.6	0.098	0.097	0.095	0.093	0.092	0.090	0.089	0.087	0.086	0.084
1.7	0.083	0.081	0.080	0.078	0.077	0.075	0.074	0.073	0.071	0.070
1.8	0.069	0.068	0.066	0.065	0.064	0.063	0.062	0.060	0.059	0.058
1.9	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.048
2.0	0.047	0.046	0.045	0.044	0.044	0.043	0.042	0.041	0.040	0.039
2.1	0.039	0.038	0.037	0.036	0.036	0.035	0.034	0.034	0.033	0.032
2.2	0.032	0.031	0.030	0.030	0.029	0.029	0.028	0.027	0.027	0.026
2.3	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022	0.021
2.4	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009
2.8	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
2.9	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.0	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.2	0-004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
3.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.418	0.418	0.418	0.418	0.418	0.418	0.418	0.417	0.417	0.416
0.1	0.416	0.415	0.415	0.414	0.414	0.413	0.412	0.411	0.411	0.410
0.2	0.409	0.408	0.407	0.406	0.405	0.403	0.402	0.401	0.400	0.398
0.3	0.397	0.396	0.394	0.393	0.391	0.390	0.388	0.386	0.385	0.383
0.4	0.381	0.379	0.378	0.376	0.374	0.372	0.370	0.368	0.366	0.364
0.5	0.362	0.360	0.358	0.355	0.353	0.351	0.349	0.347	0.344	0.342
0.6	0.340	0.337	0.335	0.332	0.330	0.328	0.325	0.323	0.320	0.318
0.7	0.315	0.313	0.310	0.307	0.305	0.302	0.300	0.297	0.294	0.292
0.8	0.289	0.286	0.284	0.281	0.278	0.276	0.273	0.270	0.268	0.265
0.9	0.262	0.260	0.257	0.254	0.252	0.249	0.246	0.244	0.241	0.238
1.0	0.236	0.233	0.230	0.228	0.225	0.222	0.220	0.217	0.215	0.212
1.1	0.209	0.207	0.204	0.202	0.199	0.197	0.194	0.192	0.189	0.187
1.2	0.184	0.182	0.179	0.177	0.175	0.172	0.170	0.167	0.165	0.163
1.3	0.160	0.158	0.156	0.154	0.151	0.149	0.147	0.145	0.143	0.141
1.4	0.138	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120
1.5	0.118	0.116	0.115	0.113	0.111	0.109	0.107	0.106	0.104	0.102
1.6	0.100	0.099	0.097	0.095	0.094	0.092	0.091	0.089	0.087	0.086
1.7	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.074	0.073	0.072
1.8	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	0.061	0.060
1.9	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049
2.0	0.048	0.047	0.046	0.045	0.045	0.044	0.043	0.042	0.041	0.040
2.1	0.039	0.039	0.038	0.037	0.036	0.036	0.035	0.034	0.034	0.033
2.2	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.028	0.027	0.027
2.3	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022
2.4	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.011	0.011	0.011	0.011	0.010	0.017	0.010	0.010	0.010	0.009
2.8	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
2.9	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.0	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.1	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
3.2	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6 3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.415	0.415	0.415	0.415	0.415	0.415	0.414	0.444		
0.1	0.413	0.412	0.412	0.411	0.411	0.410		0.414	0.414	0.413
0.2	0.406	0.405	0.404	0.403	0.402	0.410	0.409	0.408	0.408	0.407
0.3	0.394	0.393	0.392	0.390	0.389	0.387	0.399	0.398	0.397	0.396
0.4	0.379	0.377	0.376	0.374	0.372	0.370	0.386	0.384	0.382	O.3H1
0.5	0.360	0.358	0.356	0.354	0.352	0.350	0.368	0.366	0.364	0.362
0.6	0.339	0.336	0.334	0.332	0.329	0.327	0.348	0.345	0.343	0.341
0.7	0.315	0.312	0.310	0.307	0.305	0.302	0.324	0.322	0.320	0.317
0.8	0.289	0.287	0.284	0.281	0.279	0.276	0.300	0.297	0.294	0.292
0.9	0.263	0.260	0.258	0.255	0.253	0.250	0.274	0.271	0.268	0.266
1.0	0.237	0.234	0.231	0.229	0.226	0.224	0.247	0.245	0.242	0.239
1.1	0.211	0.208	0.206	0.203	0.201	0.198	0.221	0.219	0.216	0.213
1.2	0.186	0.183	0.181	0.179	0.176	0.174	0.196	0.193	0.191	0.188
1.3	0.162	0.160	0.158	0.155	0.153	0.151	0.149	0.169	0.167	0.165
1.4	0.140	0.138	0.136	0.134	0.132	0.130		0.147	0.145	0.142
1.5	0.120	0.118	0.116	0.115	0.113	0.111	0.128 0.109	0.126	0.124	0.122
1.6	0.102	0.100	0.099	0.097	0.095	C.094	0.109	0.107	0.105	0-104
1.7	0.086	0.084	0.083	0.081	0.080	0.079	0.077	0.091	0.089	0.087
1.8	0.072	0.070	0.069	0.068	0.067	0.065	0.064	0.076	0.074	0.073
1.9	0.060	0.058	0.057	0.056	0.055	0.054	0.053	0.063	0.062	0.061
2.0	0.049	0.048	0.047	0.046	0.045	0.044	0.044	0.052	0.051	0.050
2.1	0.040	0.039	0.039	0.038	0.037	0.036	0.036	0.043 0.035	0.042	0.041
2.2	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.028	0.034	0.033
2.3	0.027	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.028	0.027
2.4	0.021	0.021	0.021	0.020	0.020	0.019	0.019	0.023	0.022	0.022
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.018	0.018
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.013	0.015	0.014
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.012	0.011
2.8	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.009
2.9	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.007
3.0	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006
3.1	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005
3.2	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003 0.003
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002
3.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
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	Q	1	2	3	4	5	6	7	8	ý
0.0	0.413	0.413	0.412	0.412	0.412	0.412	0.412	0.411	0.411	0.411
0.1	0.410	0.410	0.409	0.409	0.408	0.407	0.407	0.406	0.405	0.404
0.2	0.403	0.403	0.402	0.401	0.400	0.398	0.397	0.396	0.395	0.394
0.3	0.392	0.391	0.390	0.388	0.387	0.385	0.384	0.382	0.381	0.379
0.4	0.377	0.376	0.374	0.372	0.371	0.369	0.367	0.365	0.363	0.361
0.5	0.359	0.357	0.355	0.353	0.351	0.349	0.346	0.344	0.342	0.340
0.6	0.338	0.335	0.333	0.331	0.329	0.326	0.324	0.321	0.319	0.317
0.7	0.314	0.312	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.271	0.269	0.266
0.9	0.264	0.261	0.258	0.256	0.253	0.251	0.248	0.245	0.243	0.240
1.0	0.238	0.235	0.232	0.230	0.227	0.225	0.222	0.220	0.217	0.214
1.1	0.212	0.209	0.207	0.204	0.202	0.199	0.197	0.194	0.192	0.190
1.2	0.187	0.185	0.182	0.180	0.178	0.175	0.173	0.171	0.168	0.166
1.3	0.164	0.161	0.159	0.157	0.155	0.152	0.150	0.148	0.146	0.144
1.4	0.142	0.140	0.138	0.135	0.133	0.131	0.129	0.127	0.125	0.124
1.5	0.122	0.120	0.118	0.116	0.114	0.112	0.110	0.109	0.107	0.105
1.6	0.103	0.102	0.100	0.098	0.097	0.095	0.093	0.092	0.090	0.099
1.7	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074
1.8	0.073	0.072	0.070	0.069	0.068	0.066	0.065	0.064	0.063	0.062
1.9	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051
2.0	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043	0.042	0.042
2.1	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.035	0.035	0.034
2.2	0.033	0.032	0.032	0.031	0.031	0.030	0.029	0.029	0.028	0.027
2.3	0.027	0.026	0.026	0.025	0.025	0.024	0'-024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
2.9	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.0	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.2	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.005	0.002	0.002	0.002	0.002	0.002
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.410	0.410	0.410	0.410	0.410	0.410	0.410	0.409	0.409	0.409
0.1	0.408	0.408	0.407	0.407	0.406	0.405	0.405	0.404	0.403	0.402
0.2	0.402	0.401	0.400	0.399	0.398	0.397	0.395	0.394	0.393	0.392
0.3	0.391	0.389	0.388	0.387	0.385	0.384	0.382	0.381	0.379	0.378
0.4	0.376	0.374	0.373	0.371	0.369	0.367	0.365	0.364	0.362	0.360
0.5	0.358	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.341	0.339
0.6	0.337	0.335	0.333	0.330	0.328	0.326	0.323	0.321	0.319	0.316
0.7	0.314	0.312	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.272	0.269	0.267
0.9	0.264	0.261	0.259	0.256	0.254	0.251	0.249	0.246	0.243	0.241
1.0	0.238	0.236	0.233	0.231	0.228	0.225	0.223	0.220	0.218	0.215
1.1	0.213	0.210	0.208	0.205	0.203	0.200	0.198	0.195	0.193	0.191
1.2	0.188	0.186	0.183	0.181	0.179	0.176	0.174	0.172	0.169	0.167
1.3	0.165	0.163	0.160	0.158	0.156	0.154	0.151	0.149	0.147	0.145
1.4	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129	0.127	0.125
1.5	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108	0.106
1.6	0.105	0.103	0.101	0.099	0.098	0.096	0.094	0.093	0.091	0.090
1.7	0.088	0.087	0.085	0.084	0.082	0.081	0.079	0.078	0.077	0.075
1.8	0.074	0.072	0.071	0.070	0.069	0.067	0.066	0.065	0.064	0.962
1.9	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.052	0.051
2.0	0.050	0.049	0.048	0.048	0.047	0.046	0.045	0.044	0.043	0.042
2.1	0.041	0.040	0.040	0.039	0.038	0.037	0.036	0.036	0.035	0.034
2.2	0.034	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.028	0.028
2.3	0.027	0.027	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
2.9	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.094	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	100.0

	0	1	2	3	4	5	6	7	8	9
0.0	0.409	0.409	0.409	0.409	0.408	0.408	0.408	0.408	0.407	0.407
0.1	0.407	0.406	0.406	0.405	0.404	0.404	0.403	0.402	0.402	0.401
0.2	0.400	0.399	0.398	0.397	0.396	0.395	0.394	0.393	0.392	0.391
0.3	0.389	0.388	0.387	0.385	0.384	0.383	0.381	0.380	0.378	0.376
0.4	0.375	0.373	0.371	0.370	0.368	7.366	0.364	0.363	0.361	0.359
0.5	0.357	0.355	0.353	0.351	0.349	0.347	0.345	0.343	0.341	0.339
0.6	0.336	0.334	0.332	0.330	0.328	0.325	0.323	0.321	0.318	0.316
0.7	0.314	0.311	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.272	0.269	0.267
0.9	0.264	0.262	0.259	0.257	0.254	0.252	0.249	0.246	0.244	0.241
1.0	0.239	0.236	0.234	0.231	0.229	0.226	0.224	0.221	0.219	0.216
1.1	0.214	0.211	0.209	0.206	0.204	0.201	0.199	0.196	0.194	0.191
1.2	0.189	0.187	0.184	0.182	0.180 .	0.177	0.175	0.173	0.170	0.168
1.3	0.166	0.164	0.161	0.159	0.157	0.155	0.152	0.150	0.148	0.146
1.4	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130	0.128	0.126
1.5	0.124	0.122	0.120	0.118	0.116	0.114	0.113	0.111	0.109	0.107
1.6	0.105	0.104	0.102	0.100	0.099	0.097	0.095	0.094	0.092	0.091
1.7	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079	0.077	0.076
1.8	0.075	0.073	0.072	0.071	0.069	0.068	0.067	0.066	0.064	0.063
1.9	0.062	0.061	0.060	0.058	0.057	0.056	0.055	0.054	0.053	0.052
2.0	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043	0.043
2.1	0.042	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.035	0.035
2.2	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.029	0.028
2.3	0.027	0.027	0.026	0.026	0.025	0.024	0.024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
2.9	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

	Q	1	2	3	4	5	6	7	8	3
0.0	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.406	0.406	0.496
0.1	0.405	0.405	0.404	0.404	0.403	0.403	0.402	0.401	0.400	0.400
0.2	0.399	0.398	0.397	0.396	0.395	0.394	0.393	0.392	0.391	0.389
0.3	0.388	0.387	0.386	0.384	0.383	0.381	0.380	0.379	0.377	0.375
0.4	0.374	0.372	0.371	0.369	0.367	0.365	0.364	0.362	0.360	0.358
0.5	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338
0.6	0.336	0.334	0.332	0.329	0.327	0.325	0.323	0.320	0.318	0.316
0.7	0.313	0.311	0.309	0.306	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.285	0.282	0.280	0.277	0.275	0.272	0.270	0.267
0.9	0.265	0.262	0.259	0.257	0.254	0.252	0.249	0.247	0.244	0.242
1.0	0.239	0.237	0.234	0.232	0.229	0.227	0.224	0.222	0.219	0.217
1.1	0.214	0.212	0.209	0.207	0.204	0.202	0.199	0.197	0.195	0.192
1.2	0.190	0.187	0.185	0.183	0.180	0.178	0.176	0.173	0.171	0.169
1.3	0.167	0.164	0.162	0.160	0.158	0.155	0.153	0.151	0.149	0.147
1.4	0.145	0.143	0.141	0.139	0.136	0.134	0.132	0.130	0.128	0.127
1.5	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108
1.6	0.106	0.104	0.103	0.101	0.099	0.098	0.096	0.095	0.093	0.091
1.7	0.090	0.088	0.087	0.085	0.084	0.082	0.081	0.079	0.078	0.077
1.8	0.075	0.074	0.072	0.071	0.070	0.069	0.067	0.066	0.065	0.064
1.9	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.053	0.052
2.0	0.051	0.050	0.049	0.048	0.C47	0.047	0.046	0.045	0.044	0.043
2.1	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036	0.036	0.035
2.2	0.034	0.033	0.033	0.032	0.031	0.031	0.030	0.029	0.029	0.028
2.3	0.027	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.022
2.4	0.022	0.021	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
2.8	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
2.9	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

## ALPHA = 2.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.406	0.406	0.406	0.406	0.406	0.406	0.405	0.405	0.405	0.405
0.1	0.404	0.404	0.403	0.403	0.402	0.401	0.401	0.400	0.399	0.398
0.2	0.398	0.397	0.396	U.395	0.394	0.393	0.392	0.391	0.390	0.388
0.3	0.387	0.386	0.385	0.383	0.382	0.381	0.379	0.378	0.376	0.375
0.4	0.373	0.371	0.370	0.368	0.366	0.365	0.363	0.361	0.359	0.358
0.5	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338
0.6	0.336	0.333	0.331	0.329	0.327	0.325	0.322	0.320	0.318	0.316
0.7	0.313	0.311	0.309	0.306	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.285	0.282	0.280	0.277	0.275	0.272	0.270	0.267
0.9	0.265	0.262	0.260	0.257	0.255	0.252	0.250	0.247	0.245	0.242
1.0	0.240	0.237	0.235	0.232	0.230	0.227	0.225	0.222	0.220	0.217
1.1	0.215	0.212	0.210	0.207	0.205	0.202	0.200	0.198	0.195	0.193
1.2	0.190	0.188	0.186	0.183	0.181	0.179	0.176	0.174	0.172	0.169
1.3	0.167	0.165	0.163	0.161	0.158	0.156	0.154	0.152	0.150	0.148
1.4	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129	0.127
1.5	0.125	0.123	0.121	0.120	0.118	0.116	0.114	0.112	0.110	0.109
1.6	0.107	0.105	0.103	0.102	0.100	0.098	0.097	0.095	0.074	0.092
1.7	0.090	0.089	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077
1.8	0.076	0.074	0.073	0.072	0.070	0.069	0.068	0.067	0.065	0.064
1.9	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055	0.054	0.053
2.0	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043
2.1	0.042	0.0 l	0.041	0.040	0.039	0.038	0.037	0.037	0.036	0.035
2.2	0.034	0.0.→	0.033	0.032	0.031	0.031	0.030	0.029	0.029	0.028
2.3	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
2.8	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
2.9	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
3.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

## ALPHA = 2.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.403	0.403	0.402	0.402	0.402	0.402	0.402	0.402	0.401	0.401
0.1	0.400	0.400	0.400	0.399	0.399	0.398	0.347	0.397	0.396	0.395
0.2	0.394	0.393	0.393	0.392	0.391	0.390	0.389	0.388	0.387	0.385
0.3	0.384	0.383	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.372
0.4	0.371	0.369	0.368	0.366	0.364	0.363	0.361	0.359	0.357	0.356
0.5	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338	0.336
0.6	0.334	0.332	0.330	0.328	0.326	0.324	0.322	0.319	0.317	0.315
0.7	0.313	0.310	0.308	0.306	0.304	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.282	0.280	0.278	0.275	0.273	0.270	0.268
0.9	0.265	0.263	0.260	0.258	0.256	0.253	0.251	0-248	0.246	0.243
1.0	0.241	0.238	0.236	0.233	0.231	0.228	0.226	0.224	0.221	0.219
1.1	0.216	0.214	0.211	0.209	0.207	0.204	0.202	0.199	0.197	0.195
1.2	0.192	0.190	0.188	0.185	0.183	0.181	0.178	0.176	0.174	0.171
1.3	0.169	0.167	0.165	0.163	0.160	0.158	0.156	0.154	0.152	0.150
1.4	0.148	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
1.5	0.127	0.125	0.124	0.122	0.120	0.118	0.116	0.114	0.112	0.111
1.6	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.095	0.094
1.7	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.030	0.079
1.8	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067	0.065
1.9	0.064	0.063	0.062	0.061	0.060	0.058	0.057	0.056	0.055	0.054
2.0	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044
2.1	0.043	0.042	0.041	0.041	0.040	0.039	0.038	0.037	0.036	0.036
2.2	0.035	0.034	0.033	0.033	0.032	0.031	0.031	0.030	0.029	0.029
2.3	0.028	0.027	0.027	0.026	0.026	0.025	0.024	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	850.0
2.8	0.008	0.008	0.008	0.003	0.007	0.007	0.007	0.007	0.067	0.006
2.9	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.0	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	2رن0•0	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

## ALPHA = 3.00

	0	1	2	3	4	5	6	7	გ	3
0.0	0.401	0.401	0.401	0.401	0.401	0.400	0.400	0.400	0.400	0.399
0.1	0.399	0.398	0.398	0.397	0.397	0.396	0.396	0.395	0.394	0.394
0~2	0.393	0.392	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384
0.3	0.383	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.373	0.371
0.4	0.370	0.368	0.367	0.365	0.363	0.362	0.360	0.358	0.357	0.355
0.5	0.353	0.351	0.349	0.348	0.346	0.344	0.342	0.340	0.338	0.336
0.6	0.334	0.332	0.330	0.328	0.326	0.323	0.321	0.319	0.317	0.315
0.7	0.313	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	0.269
0.9	0.266	0.263	0.261	0.258	0.256	0.254	0.251	0.249	0.246	0.244
1.0	0.241	0-239	0.236	0.234	0.231	0.229	0.227	0.224	0.222	0.219
1.1	0.217	0.215	0.212	0.210	0.207	0.205	0.203	0.200	0.199	0.195
1.2	0.193	0.191	0.188	0.186	0.184	0.182	0.179	0.177	0.175	0.172
1.3	0.170	0.168	0.166	0.164	0.161	0.159	0.157	0.155	0.153	0.151
1.4	0.149	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
1.5	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.115	0.113	0.112
1.6	0.110	0.108	0.106	0.105	0.103	0.101	0.100	0.098	0.096	0.095
1.7	0.093	0.091	0.090	0.088	0.087	0.085	0.084	0.002	0.091	0.079
1.8	0.078	0.077	0.075	0.074	0.073	0.071	0.070	0.069	0.067	0.066
1.9	0.065	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.054
2.0	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.038	0.038	0.037	0.036
2.2	0.035	0.034	0.034	0.033	0.032	0.032	0.031	0.030	0.029	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.013
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007 0.005	0.006
2.9	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.1 3.2	0.003	0.003 0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
JVT	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

ALPHA = 3.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.400	0.400	0.400	0.400	0.400	0.400	0.399	0.399	0.399	0.398
0.1	0.398	0.398	0.397	0.397	0.396	0.396	0.395	0.394	0.394	0.393
0.2	0.392	0.391	0.390	0.390	0.389	0.388	0.387	0.386	0.385	0.383
0.3	0.382	0.381	0.380	0.379	0.377	0.376	0.375	0.373	0.372	0.371
0.4	0.369	0.368	0.366	0.364	0.363	0.361	0.360	u.358	0.356	0.354
0.5	0.353	0.351	0.349	0.347	0.345	0.343	0.341	0.340	0.338	0.336
0.6	0.334	0.332	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	0.268
0.9	0.266	0.263	0.261	0.259	0.256	0.254	0.251	0.249	0.246	0.244
1.0	0.242	0.239	0.237	0.234	0.232	0.229	0.227	0.225	0.222	0.220
1.1	0.217	0.215	0.212	0.210	0.208	0.205	0.203	0.201	0.198	0.196
1.2	0.194	0.191	0.189	0.187	0.184	0.182	0.180	0.177	0.175	0.173
1.3	0.171	0.168	0.166	0.164	0.162	0.160	0.158	0.155	0.153	0.151
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.116	0.114	0.112
1.6	0.110	0.109	0.107	0.105	0.103	0.102	0.100	0.098	0.097	0.045
1.7	0.093	0.092	0.090	0.089	0.087	0.086	0.084	0.083	0.081	0.080
1.8	0.078	0.077	0.076	0.074	Ü.073	0.072	0.070	0.069	0.068	0.066
1.9	0.065	0.064	0.063	0.062	0.060	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

## ALPHA = 4.00

	0	1	2.	3	4	5	6	7	8	9
0.0	0.400	0.400	0.400	0.399	0.399	0.399	0.399	0.399	0.398	0.393
0.1	0.398	0.397	0.397	0.396	0.396	0.395	0.395	0.394	0.393	0.392
0.2	0.392	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.382	0.381	0.380	0.378	0.377	0.376	0.374	0.373	0.372	0.370
0.4	0.369	0.367	0.366	0.364	0.363	0.361	0.359	0.358	0.356	0.354
0.5	0.352	0.351	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	985.0
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.251	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.234	0.232	0.230	0.227	0.225	0.222	0.220
1.1	0.218	0.215	0.213	0.210	0.208	0.206	0.203	0.201	0.198	0.196
1.2	0.194	0.191	0.189	0.187	0.185	0.182	0.180	0.178	0.175	0.173
1.3	0.171	0.169	0.167	0.164	0.162	0.160	0.158	0.156	0.154	0.151
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.114	0.112
1.6	0.111	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.095
1.7	0.094	0.092	0.091	0.089	0.087	0.086	0.094	0.083	0.082	0.030
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.070	0.069	0.068	0.067
1.9	0.065	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.024	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	9.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.003	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0。002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001

ALPHA = 4.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.378
0.1	0.397	0.397	0.397	0.396	0.395	0.395	0.394	0.394	0.393	0.392
0.2	0.391	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.394	0.383
0.3	0.382	0.381	0.379	0.378	0.377	0.376	0.374	0.373	0.371	0.370
0.4	0.369	0.367	0.366	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.351	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.235	0.232	0.230	0.227	0.225	0.222	0.220
1.1	0.218	0.215	0.213	0.210	0.208	0.206	0.203	0.201	0.199	0.196
1.2	0.194	0.192	0.189	0.187	0.185	0.182	0.180	0.178	0.176	0.173
1.3	0.171	0.169	0.167	0.164	0.162	0.160	0.158	0.156	0.154	0.152
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.122	0.120	0.118	0.116	0.114	0.112
1.6	0.111	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.075
1.7	0.094	0.092	0.091	0.089	<b>0.088</b>	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.065	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	800.0
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

## ALPHA = 5.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.398
0.1	0.397	0.397	0.396	0.396	0.395	0.395	0.394	0.394	0.393	0.392
0.2	0.391	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.373	0.371	0.370
0.4	0.368	0.367	0.365	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.350	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.314
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.235	0.232	0.230	0.227	0.225	0.223	0.220
1.1	0.218	0.215	0.213	0.211	0.208	0.206	0.203	0.201	0.199	0.196
1.2	0.194	0.192	0.189	0.187	0.185	0.182	0.180	0.178	0.176	0.173
1.3	0.171	0.169	0.167	0.165	0.162	0.160	0.158	0.156	0.154	0.152
1.4	0.150	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.116	0.114	0.113
1.6	6.111	0.109	0.107	0.106	0.104	0.102	0.100	0.099	0.097	0.095
1.7	0.094	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.066	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.040	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.398	0.398	0.397
0.1	0.397	0.397	0.396	0.396	0.395	0.394	0.394	0.393	0.393	0.392
0.2	0.391	0.390	0.389	0.389	0.388	0.387	0.386	0.385	0.384	0.393
0.3	0.381	0.380	0.379	0.378	0.377	0.375	0.374	0.373	0.371	0.370
0.4	0.368	0.367	0.365	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.350	0.348	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.314
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.240	0.237	0.235	0.232	0.230	0.227	0.225	0.223	0.220
1.1	0.218	0.215	0.213	0.211	0.208	0.206	0.204	0.201	0.199	0.197
1.2	0.194	0.192	0.190	0.187	0.185	0.183	0.180	0.178	0.176	0.174
1.3	0.171	0.169	0.167	0.165	0.163	0.160	0.158	0.156	0.154	0.152
1.4	0.150	0.148	0.146	0.144	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.130	0.128	0.126	0.124	0.122	0.120	0.118	0.116	0.115	0.113
1.6	0.111	0.109	0.107	0.106	0.104	0.102	0.101	0.099	0.097	0.076
1.7	0.094	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.078	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.066	0.064	0.063	0.062	0.061	0.060	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.040	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	G.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	800.0
2.8	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
2.9	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

#### APPENDIX B

#### Table II. The Distribution Function of Z

The function tables is  $F_Z(z;\alpha) = \int_{-\infty}^z f_Z(y,\alpha) dy$ , the distribution function of Z, where

$$\alpha = \rho K/2C\sigma^{2}$$

$$Z = \Phi / \left[ \rho \overline{K} \sqrt{\left(\frac{3}{4\alpha^{2}} + 1\right)} \right].$$

The following values of the parameter  $\alpha$  are used

The first column gives z to one decimal. The column headings give the second decimal in z. Thus,  $F_Z(1.43;0)$  is obtained by looking on the line for z = 1.4 and reading across to the column for 3. The value is 0.942.

By the symmetry of  $f_Z(z)$ , it follows that  $F_Z(-z;\alpha) = 1 - F_Z(z;\alpha)$ .

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.552	0.574	0.590	0.604	0.616	0.626	0-636	0.645	0.653
0.1							0.701			
0.2							0.749			
0.3							0.785			
0.4							0.814			
0.5							0.838			
0.6							0.858			
0.7							0.874			
0.8	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892	0.893
0.9	0-894	0.895	0.897	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.925
1.2							0.930			
1.3							0.938			
1.4							0.944			
1.5							0.950			
1.6							0.955			
1.7							0.960			
1.8							0.964			
1.9							0.967			
2.0							0.971			
2.1							0.973			
2.2							0.976			
2.3 2.4							0.978			
2.5							0.982			
2.6							0.984			
2.7							0.986			
2.8							0.987			
2.9							0.988			
3.0							0.989			
3.1							0.990			
3.2							0.991			
3.3							0.992			
3.4							0.993			
3.5							0.994			
3.6							0.994			
3.7	0.994						0.995			
3.8							0.995			
3.9							0.996			
4.0							0.996			
4.1							0.996			
4.2							0.997			
4.3							0.997			
4.4							0.997			
4.5							0.998			
4.6							0.998			
4.7 4.8							0.998			
4.9							0.998			
707	0.770	J 9 7 7 0	V. 770	J. 770	0.770	0.770	U . 770	U . 770	0.330	V• 770

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.540	0.568	0.588	0.602	0.615	0.626	0.636	0.645	0.653
0.1	0.661	0.668	0.675	0.682	0.689	0.695	0.700	0.706	0.712	0.717
0.2	0.722	0.727	0.731	0.736	0.740	0.745	0.749	0.753	0.757	0.761
0.3					0.778					
0.4	0.797	0.800	0.803	0.806	0.809	0.811	0.814	0.817	0.819	0.822
0.5	0.824	0.826			0.833					
0.6		0.848			0.854					
0.7					0.871					
0.8		_			0.886					
0.9	0.894				0.899					
1.0	0.906				0.910					
1.1		0.917			0.920					
1.2					0.929					
1.3	0.933	0.934			0.936					
1.4	_	0.941			0.943					
1.5	0.947	0.953			0.954					
1.6		0.957			0.959					
1.8	0.961	0.962			0.963					
1.9	0.965				0.967					
2.0		0.969			0.970					
2.1					0.973					
2.2	0.975				0.976					
2.3	0.977				0.978					
2.4	0.979	0.980			0.980					0.981
2.5		0.981			0.982					
2.6	_	0.983			0.984					
2.7	0.985	0.985			0.985					
2.8	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990			0.990					
3.2	0.991				0.991					
3.3		0.992			0.992					0.992
3.4					0.993					
3.5					0.993					
3.6	-				0.994					
3.7					0.994					
3.8					0.995					
	0.995				0.995					
4.0										
4.1					0.996					
4.2 4.3					0.997					
4.4					0.997					
4.5					0.998					
4.6					0.998					
4.7					0.998					
4.8					0.998					
4.9					0.998					

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.529	0.556	0.578	0.596	0.611	0.623	0.634	0.643	0.652
0.1				0.682						
0.2				0.736						
0.3				0.775						0.794
0.4	0.797	0.800	0.803	0.806	0.808	0.811	0.814	0.816	0.819	0.821
0.5	0.824	0.826	0.829	0.831	0.833	0.835	0.838	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.859	0.861	0.863
0.7	0.865	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8				0.885						
0.9				0.898						
1.0				0.909						
1.1				0.919						
1.2				0.928						0.932
1.3				0.936						0.940
1.4				0.942						0.946
1.5				0.948						
1.6				0.954						
1.7				0.958						
1.8				0.962						
1.9				0.966						
2.0				0.970						
2.1				0.973						
2.2				0.975						
2.3				0.978 0.980						
2.4										
2.5 2.6				0.982 0.984						
2.7				0.985						0.986
2.8				0.987						
2.9				0.988						
3.0				0.989						
3.1				0.990			0.990			0.991
3.2				0.991			0.991			0.991
3.3				0.992						0.992
3.4				0.993						0.993
3.5				0.993						0.994
3.6				0.994			0.994			0.994
3.7	0.994	0.994	0.994	0.994	0.994					0.995
3.8				0.995						0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1				0.996						
4.2				0.997						
4.3				0.997						
4.4				0.997						
4.5				0.997						
4.6				0.998						
4.7				0.998						
4 - 8				0.998						
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.398	0.998	0.998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.524	0.547	0.568	0.586	0-603	0-617	0.629	0.640	0-650
0.1		0.666								
0.2		0.726								
0.3		0.768								
0.4		0.800								
0.5		0.826								
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.857	0.859	0.861	0.863
0.7		0.866								
0.8		0.882								
0.9		0.895								
1.0		0.907								
1.1		0.917								
1.2		0.926								
1.3		0.934								
1.4		0.941								
1.5 1.6		0.947 0.953								
1.7		0.957								
1.8		0.962								
1.9		0.965								
2.0		0.969								
2.1		0.972								
2.2		0.975								
2.3		0.977								
2.4		0.980								
2.5		0.981								
2.6		0.983								
2.7		0.985								
2.8		0.986								
2.9		0.988								
3.0 3.1		0.989								
3.2		0.990								
3.3		0.992								
3.4		0.992								
3.5		0.993								
3.6	_	0.994								0.994
3.7		0.994								
3.8	_	0.995								
3.9	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.995	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1		0.996								
4.2		0.997								
4.3		0.997								
4.4		0.997								
4.5		0.997								
4.6		0.998								
4.7		0.998								
4.8		0.998								
4.9	0.770	0.998	0.770	0.449	0.440	0.339	0.770	0.449	0.339	0.338

	0	1	2	3	4	5	6	7	8	9
0.0		0.521								
0.1		0.663								
0.2	0.720	0.725	0.730	0.735	0.739	0.744	0.748	0.752	0.756	0.760
0.3		0.767								
0.4	0.797	0.800								
0.5	0.824	0.826	0.828	0.831	0.833	0.835	0.837	0.840	0.842	0.844
0.6		0.848								
0.7	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8		0.882								
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5		0.947								
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7		0.957								
1.8	0.961	0.962								
1.9	0.965						0.967			
2.0		0.969								
2.1		0.972								
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.978	0.978		0.978			
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981						0.982			
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985		0.936	0.986	0.986	0.986
2.8	0.986			0.987				0.987		
2.9		0.988								
3.0	0.989	0.989								
3.1	0.990				0.990			0.991		
3.2	0.991				0.991			0.991		0.991
3.3	0.992						0.992			
3.4		0.992						0.993		
3.5		0.993						0.994		
3.6		0.994						0.994		
3.7		0.994						0.995		
3.8		0.995								
3.9										0.996
4.0		0.996								
4.1		0.996								
4.2		0.997								
4.3		0.997								
4.4		0.997								
4.5		0.997								
4.6		0.998								
4.7		0.998								
4.8		0.998								
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.518	0.536	0.554	0.571	0.586	0.601	0.615	0.627	0.639
0.1				0.675						
0.2				0.734						0.759
0.3				0.774						0.793
0.4				0.805						
0.5				0.830						
0.6				0.852						0.863
0.7	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.887	0.889	0.890	0.891	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	n 970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975		0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977			0.97						0.979
2.4	0.979			0.986						0.981
2.5	0.981	0,981	0.982	0.982	0.982	0.982	0.982	0.983	0 83	0.983
2.6	0.983	0.983	0.933	0.984	0.984	0.984	0.984	0.984	( . <del>)</del> 84	0.985
2.7	0.985	0.485	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986			0.987					087	
2.9	0.987			0.988					0.988	
3.0	0.989			0.989						0.990
3.1	0.990			0.990				0.991		0.991
3.2	0.991	0.991		C.991						0.991
3.3	0.992			0.992					0.992	
3.4	0.992			0.993						
3.5	0.993			0.993						
3.6	0.994			0.994					0.994	
3.7	0.994			0.994				0.995		0.995
3.8		0.995		0.995						
3.9										0.996
4.0				0.996						
4.1 4.2				0.996						
4.3				0.997						
4.4				0.997 0.997						
4.5										
4.6	2027	( , , , , , , , , , , , , , , , , , , ,					V - 770		U . 770	
7.0	0.997									
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998 0.998	0.998 0.998	0.998 0.998		0.998 0.998	0.998 0.998	0.998 0.998	0.998 0.998	0.998 0.998	0.998 0.998

	o	1	2	3	4	5	6	7	8	9
0.0	0.500	0.517	0.533	0.549	0.565	0.580	0.594	0,608	0.620	0.632
0.1	0.643	0.653	0.662	0.671	0.679	0.686	0.693	0.700	0.706	0.712
0.2				0.733						
0.3				0.773						
0.4				0.805						
0.5				0.830					0.841	
0.6				0.851						
0.7				0.869						
0.8				0.884						
0.9				0.898						
1.0				0.909					0.914	
1.1				0.919						
1.2				0.928						
1.3				0.936					0.939	
1.4				0.942					0.945	
1.5				0.948					0.956	
1.6 1.7				0.958						
1.8				0.962					0.965	_
1.9				0.966			0.967			
2.0				0.970						
2.1				0.973						
2.2				0.975						
2.3				0.978						
2.4				0.980						
2.5				0.982						
2.6				0.984						
2.7				0.985						
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990		0.991	0.991
3.2	0.991	0.991	0-991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3				0.992						
3.4				0.993						
3.5				0.993						
3.6				0.994					0.394	
3.7				0.994					0.995	
3.8				0.995						
3.9										0.996
4.0				0.998						
4-1				0.996						
4.2				0.997						
4.3				0.997						
4.4				0.997						
4.5				0.998						
4.6				0.998						
4.7 4.8				0.998 0.998						
4.9										
7.7	0.770	0.770	0.775	0.998	0.770	0.770	0.770	0.440	0.770	0.330

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.515	0.531	0.546	0.560	0.575	0.588	0.601	0.614	0.626
0.1				0.666						
0.2				0.731						0.758
0.3				0.773						0.793
0.4				0.804						0.820
0.5				0.830						0.843
0.6				0.851						0.862
0.7				0.869						
0.8				0.884						0.893
0.9				0.898						
1.0				0-909						0.915
1.1				0.919						0.924
1.2				0.928						0.932
1.3				0.936						
1.4				0.942						0.946 0.952
1.5 1.6				0.954						
1.7				0.958						
1.8				0.963						0.965
1.9	0.965			0.966						0.968
2.0				0.970						0.972
2.1				0.973						0.974
2.2				0.975						-
2.3				0.978						
2.4				0.980						0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0。985	0.985	0.986	0.986	0.986	0.986	Q.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9				0.988						0.989
3.0				0.989						
3.1				0.990						0.991
3.2				0.991						0.992
3.3				0.992						0.992
3.4				0.993						
3.5				0.993				0.994		
3.6	0.994			0.994						0.995
3.7 3.8				0.995						-
3.9				0.995						
4.0				0.996						
4.1				0.996						
4.2				0.997						
4.3				0.997						
4.4				0.997						
4.5				0.998						
4.6				0.998						
4.7				0.998						
4.8				0.998						
4.9				0.998						

	0	1	2	3	4	5	6	7	8	9
0.0					0.557					
0.1					0.669					
0.2					0.734					
0.3					0.775					0.792
0.4		0.798					0.812			0.820
0.5		0.825					0.836			0.843
0.6					0.853					0.862
0.7		0.881			0.871		0.888			0.878 0.892
0.8 0.9		0.895					0.901			0.905
1.0		0.907					0.912			0.915
1.1					0.920					0.924
1.2					0.929					0.932
1.3					0.936					0.940
1.4		0.941					0.944			0.946
1.5	0.947	0.947	0.948	0.948	0.949					0.952
1.6					0.954					0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8		0.962					0.964			0.965
1.9					0.967					0.968
2.0					0.970					
2.1					0.973					
2.2		0.975					0.976			
2.3		0.977		0.978			0.979			
2.4					0.980					0.981
2.5					0.982					
2.6					0.984					
2.7					0.985		0.986 0.987			0.986 0.987
2.8 2.9		0.986 0.988					0.988			
3.0					0.989		0.989			0.990
3.1		0.990					0.990			0.991
3.2			0.991		0.991		0.991		0.991	0.992
3.3					0.992					0.992
3.4					0.993					0.993
3.5					0.993					0.994
3.6	0.994	0.994	0.994	0.994	0.994		0.994			0.994
3.7	0.994	0.994			0.995		0.995			0.995
3.8		0.995			0.995					0.995
3.9					0.995					
4.0					0.996					
4-1					0.996					
4.2					0.997					
4.3					0.997					
4.4					0.997					
4.5					0.998					
4.6 4.7					0.998 0.998					
4.8					0.998					
4.9					0.998					
<b>∀</b> ● 7	U . 770	J. 770	J. 770	0 4 9 70	0. 990	3 - 770	5.,,0	J.,,0	J. 770	J. , , , ,

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.513	0.527	0.54)	0.553	0.566	0.579	0.591	0.603	7.614
0.1					0.664					
0.2					0.732					0.755
0.3	0.759	0.763	0.767	0.771	0.774	0.778	0.791	0.785	0.788	0.791
0.4	0.795	0.797	0.800	0.803	0.806	0.809	0.812	0.814	0.817	0.820
0.5	0.822	0.825	0.827	0.829	0.832	0.834	0.836	0.838	0.841	0.843
0.6					0.853					
0.7					0.870					
0.8	_		_		0.886			_		
0.9					0.899					
1.0					0.910					
1.1					0.920					
1.2					0.929					
1.3					0.943					
1.5					0.949					
1.6					0.954					
1.7					0.959					
1.8					0.963					
1.9					0.967					
2.0					0.970					
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977
2.3					0.978					
2.4					0.980					
2.5					0.982					
2.6					0.984					
2.7					0.985		0.986			
2.8					0.987					
2.9					0.988					
3.0 3.1					0.989					
3.2					0.991		0.991			0.992
3.3					0.992					
3.4					0.993					
3.5					0.993					0.994
3.6					0.994					0.994
3.7	0.994	0.994	0.994	0.995	0.995	0.995	0.995	1.995	0.995	0.995
3.8					0.995					
3.9	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
4.0					0.996					
4.1					0.996					
4.2					0.997					
4.3					0.997					
4.4					0.997					
4.5					0.998					
4.6 4.7					0.998					
4.8					0.998					
4.9					0.998					
767	06770	US 770	we 770	U 6 7 7 0	U 6 7 7 O	J # 770	J & 770	V • 770	J#770	J. 170

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.513	0.525	0.538	0.550	0.563	0.575	0.586	0.598	0.609
0.1	0.620	0.630	0.640	0.649	0.658	0.667	0.675	0.683	0.691	0.698
0.2	0.705	0.711	0.717	0.723	0.729	0.734	0.739			
0.3				0.770					0.787	
0.4							0.811			
0.5							0.836			
0.6							0.856			
0.7				0.869					0.877	
0.8				0.884					0.891	
0.9				0.897					0.903	
1.0				0.909					0.914	
1.1				0.919					0.924	
1.2				0.928					0.932	
1.3				0.936					0.939	
1.4				0.942					0.945	
1.5 1.6				0.948					0.951 0.956	
1.7							0.960			
1.8		0.962					0.964			
1.9							0.968			
2.0							0.971			
2.1							0.974			
2.2		0.975					0.976			
2.3		0.977					0.979			
2.4							0.981			
2.5							0.983			
2.6	0.983						0.984			
2.7							0.986			
2.8	0.986						0.987			
2.9							0.988			
3.0	0.989						0.990			
3.1	0.990						0.991			
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.3							0.992			
3.4	0.992	0.993					0.993			
3.5	0.993						0.994			
3.6							0.994			
3.7							0.995			
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1							0.996			
4.2							0.997			
4.3							0.997			
4.4 4.5							0.997			
4.6							0.998			
4.7							0.998			
4.8							0.998			
4.9							0.998			
707	0.220	J + 770	U . 770	U . 770	U . 770	0.770	0.770	0.370	0.440	0.449

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.512	0.524	0.536	0.548	0.560	0.571	0.583	0.594	0.604
0.1		0.625								
0.2		0.707								
0.3		0.760								
0.4		0.796								
0.5		0.824								
0.6	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.860	0.862
0.7	0.863	0.865	0.867	0.869	0.870	0.872	0.873	0.875	0.877	0.878
0.8	0.880	0.881	0.883	0.884	0.885	0.887	0.888	0.890	0.891	0.892
0.9		0.895								
1.0		0.907								
1.1		0.917								
1.2		0.926								
1.3		0.934								
1.4		0.941			0.943					
1.5		0.947								
1.6		0.953			0.954					
1.7		0.958								0.961
1.8		0.962								
1.9		0.966								
2.0		0.969								
2.1 2.2		0.972								
2.3		0.977								
2.4		0.980								
2.5		0.982								
2.6		0.983								
2.7		0.985								
2.8		0.987								
2.9		0.988								
3.0		0.989								
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.993								0.993
3.5	-	0.993			0.994					0.994
3.6		0.994								0.994
3.7					0.995					0.995
3.8		0.995								
3.9		0.995								
4.0		0.996								
4.1		0.996								
4.2		0.997								
4.3		0.997								
4.4 4.5		0.997								
4.6		0.998								
4.7		0.998								
4.8		0.998								
4.9		0.998								
T.,	Q . 7 7 G	3. 770	5.770	J. 770	0.339	3.770	J. 770	V . 770	J. 770	J. 770

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.512	0.523	0.535	0.546	0.557	0.568	0.579	0.590	0.600
0.1	0.611	0.620	0.630	0.639	0.648	0.657	0.666	0.674	0.681	0.689
0.2	0.696	0.703	0.709	0.716	0.722	0.727	0.733	0.738	0.743	0.748
0.3				0.766						0.788
0.4	0.792	0.795	0.798	0.801	0.804	0.807	0.810	0.813	0.815	0.818
0.5	0.821	0.823	0.825	0.828	0.830	0.833	0.835	0.837	0.839	0.842
0.6				0.850						
0.7	0.863	0.865	0.866	0.868	0.870	0.872	0.873	0.875	0.876	0.878
0.8	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.889	0.891	0.892
0.9				0.897						
1.0				0.909						
1.1				0.919						
1.2				0.928						
1.3				0.936						0.940
1.4				0.942						0.946
1.5				0.948						
1.6				0.954						
1.7				0.958						
1.8				0.963						
1.9				0.966						
2.0				0.970						
2.1				0.973						
2.2				0.976						
2.3				0.978						
2.4				0.980						0.981
2.5				0.982						
2.6				0.984						
2.7				0.985						
2.8 2.9				0.987						
3.0				0.989						
3.1				0.990						0.991
3.2				0.991			0.991			0.992
3.3				0.992	_					
3.4				0.993						
3.5				0.993						
3.6				0.994						0.994
3.7				0.995						0.995
3.8				0.995						
3.9				0.996						
4.0				0.996						
4-1				0.996						
4.2				0.997						
4.3				0.997						
4.4				0.997						
4.5	0.998	0.998	0.998	0.998	0.998	0.993	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7				0.998						
4.8				0.998						
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0 511	0 522	0.533	0 544	0 555	0 544	0 574	0 594	0 507
0.1				0.635						
0.2				0.712						
0.3				0.764						
0.4				0.800						
0.5				0.827						
0.6				0.850						
0.7				0.868						
0.8				0.884						
0.9	0.893	0.895	0.896	0.897	0.898	0.900	0.901	0.902	0.903	0.904
1.0				0.909						
1.1				0.919						
1.2				0.928						
1.3	_			0.936						
1.4				0.942						
1.5				0.948						
1.6				0.954						
1.7				0.959						
1.8				0.963						
1.9				0.967						
2.0				0.970						
2.1 2.2				0.973						
2.3				0.978						
2.4				0.980						
2.5				0.982						
2.6				0.984						
2.7				0.985						
2.8				0.987						
2.9				0.988						
3.0				0.989						
3.1				0.990						
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4				0.993						0.993
3.5				0.994						
3.6				0.994						
3.7				0.995						
3.8				0.995						
3.9				0.996						
4.0				0.996						
4.1				0.996						
4.2 4.3				0.997						
4.4				0.997						
4.5				0.998						
4.6				0.998						
4.7				0.998						
4.8				0.998						
4.9				0.998						
				· - <del>-</del>					· · · · ·	

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.511	0.521	0.532	0-542	0.553	0.563	0.573	0.583	0.593
0.1							0.656			
0.2							0.726			
0.3		0.752					0.774			
0.4							0.808			
0.5	0.819	0.822	0.824	0.827	0.829	0.832	0.834	0.836	0.838	0.841
0.6	0.843	0.845	0.847	0.849	0.851	0.853	0.855	0.857	0.859	(.861
0.7	0.862	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877
0.8							0.888			
0.9							0.901			
1.0							0.912			
1.1							0.922			
1.2							0.930			0.932
1.3							0.938			
1.4							0.944			
1.5							0.950			
1.6							0.955			
1.7							0.960			
1.8 1.9							0.964			
2.0							0.971			
2.1							0.974			
2.2							0.976			
2.3							0.979			
2.4							0.981			
2.5							0.983			
2.6							0.984			
2.7							0.986			
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990					0.991			
3.2		0.991					0.991			
3.3							0.992			
3.4		0.993					0.993			
3.5							0.994			
3.6							0.994			
3.7		0.995					0.995			
3.8		0.995					0.995			
3.9 4.0							0.996			
4.1							0.997			
4.2							0.997			
4.3							0.997			
4.4							0.997			
4.5							0.998			
4.6							0.998			
4.7							0.998			
4.8							0.998			
4.9							0.998			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.510	0.520	0.531	0.541	0.551	0.561	0.571	0.581	0.590
0.1					0.635					
0.2					0.710					
0.3					0.763					
0-4					0.800					
0.5					0.828					0.840
0.6	0.842	0.844	0.847	0.849	0.851	0.853	0.855	0.856	0.858	0.860
0.7	0.862	0.864	0.866	0.867	0.869	0.871	0.873	0.874	0.876	0.877
0.8	0.879	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892
0.9					0.898				0.903	
1.0					0.910					
1.1					0.920					
1.2					0.928					
1.3					0.936					
1.4					0.943					
1.5					0.949					
1.6					0.954					
1.7					0.959					
1.8					0.963					
1.9					0.967					
2.0					0.970					
2.1					0.973					
2.2					0.976					
2.3					0.978					
2.4					0.980					0.981
2.5					0.982					
2.6					0.984					
2.7 2.8		0.985 0.987			0.986					0.988
2.9					0.988					
3.0					0.989					
3.1					0.990					
3.2	0.991				0.991					0.992
3.3					0.992					
3.4		-	-		0.993		-			-
3.5					0.994			0.994		
3.6					0.994					
3.7					0.995					0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0					0.996					
4.1					0.996					
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3					0.997					
4.4					0.997					
4.5					0.998					
4.6					0.998					
4.7					0.998					
4.8					0.998					
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

	0	1	2	3	4	5	Ó	7	8	9
0.0	0.500	0.510	0.520	0.530	0.539	0.549	0.559	0.568	0.578	0.587
0.1							0.648			
0.2							0.718			
0.3							0.769			
0.4	0.785	0.788	0.792	0.795	0.799	0.802	0.805	0.808	0.811	0.814
0.5	0.817	0.820	0.822	0.825	0.828	0.830	0.832	0.835	0.837	0.839
0.6	0.842	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.860
0.7							0.872			
8.0	0.879	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.892
0.9							0.900			
1.0							0.912			
1.1							0.922			
1.2							0.930			
1.3							0.938			
1.4							0.944			
1.5							0.950			
1.6							0.955			
1.7							0.960			0.961
1.8							0.964			
1.9							0.968			
2.0							0.971			
2.1							0.974			0.975
2.2							0.976			0.977
2.3 2.4							0.979			
2.5							0.983			
2.6							0.984			0.985
2.7							0.986			
2.8							0.987			
2.9		0.988					0.989			
3.0		0.989					0.990			
3.1							0.991			0.991
3.2							0.992			
3.3							0.992			
3.4							0.993			
3-5	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3-6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3-8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.945	0.995
3.9	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4-1							0.997			
4.2							0.997			
4-3							0.997			
4.4							0.997			
4.5							0.998			
4.6							0.998			
4.7							0.998			
4-8							0.998			
4.9	0.998	U•998	0.998	0.998	0.998	0.998	0.998	0.998	U.998	0.998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.510	0.519	0.529	0.538	0.548	0.557	0.566	0.576	0.585
0.1					0.628					
0.2		0.682			0.702					0.732
0.3	0.737	0.742	0.748	0.752	0.757	0.762	0.766	0.770	0.775	0.779
0.4	0.782	0.786	0.790	0.793	0.797	0.800	0.803	0.807	0.810	0.813
0.5	0.816	0.818	0.821	0.824	0.826	0.829	0.832	0.834	0.836	0.839
0.6	0.841	0.843	0.845	0.847	0.850	0.852	0.854	0.856	0.858	0.859
0.7	0.861	0.863	0.865	0.867	0.868	0.870	0.872	0.873	0.875	0.877
0.8	0.878				0.884					0.891
0.9	0.893				0.898					0.904
1.0	U.905				0.910					0.915
1.1		0.917			0.920			0.922		0.924
1.2		0.926			0.928					
1.3					0.936					
1.4	0.940				0.943			0.945		
1.5	0.947	0.947			0.949					0.952
1.6	0.952	0.953			0.954					0.957
1.7					0.959					
1.8	0.962			0.963			0.964			
1.9	0.966			0.967			0.968			
7.0	0.969				0.970			0.971		0.972
2.1					0.973					0.975
2.2	0.975				0.976					
2.3 2.4	0.978	0.978			0.979			0.981		0.982
2.5		0.982			0.983					0.983
2.6					0.984					
2.7					0.986					
2.8		0.987	0.987				0.987			
2.9		0.988	0.988	0.988			0.989		0.989	
3.0		0.989		0.989			0.990			
3.1					0.991		0.991			0.991
3.2		0.991	0.991				0.992			
3.3				0.992			0.992			
3.4				0.993	0.993					
3.5					0.994					
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.995	0.995	0.5.5	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0。995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.996									
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1					0.997					
4.2					0.997					
4.3					0.997					
4-4					0.997					
4.5					0.998					
4-6					0.998					
4-7					0.998					
4~8					0.998					
4.9	0.998	0.998	0.98	0.998	0.998	0.998	0.998	0.798	0.998	0. 998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.509	0.519	0.528	0.537	0.546	0.556	0.564	0.573	0.582
0.1	0.591	0.600	0.608	0.617	0.625	0.633	0.641	0.649	0.656	0.664
0.2					0.698					
0.3					0.754					
0.4					0.795					
0.5					0.825					
0.6					0.849					0.859
0.7					0.868					
0.8					0.884					
0.9					0.898					
1.0					0.909					
1.1 1.2					0.928					
1.3					0.936					
1.4					0.943					
1.5					0.949					
1.6					0.954					
1.7					0.959					
1.8					0.964					
1.9					0.967					
2.0					0.970					
2.1	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975
2.2					0.976					
2.3					0.979					
2.4					0.981					0.982
2.5					0.983					
2.6					0.984					
2.7					0.986					
2.8					0.987					
2.9 3.0					0.988					
3.1					0.991					
3.2		0.991					0.992			0.992
3.3	_				0.992					
3.4					0.993					
3.5					0.994					
3.6					0.994					0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0					0.996					
4-1					0.997					
4.2					0.997					
4.3					0.997					
4.4					0.997					
4.5					0.998					
4.6					0.998					
4.7 4.8					0.998 0.998					
4.9					0.998					
707	0.330	U # 77()	0.770	U • 770	U • 770	V. 770	V•775	U . 770	4.770	0. 770

	0	1	2	3	4	5	6	7	8	3
0.0	0.500	0.509	0.518	0.527	0.536	0.545	0.554	0.563	0.572	0.580
0.1		0.597								
0.2	0.667	0.674	0.681	0.688	0.694	0.701	0.707	0.713	0.719	0.725
0.3	0.730	0.736	0.741	0.746	0.751	0.756	0.760	0.765	0.769	0774
0.4		0.782								
0.5		0.816								
0.6		0.841								
0.7		0.862								
0.8		0.879								
0.9 1.0		0.894								
1.1		0.917								
1.2		0.926								
1.3		0.934								
1.4		0.941								
1.5		0.947								
1.6		0.953								
1.7	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961
1.8		0.962								
1.9	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969
2.0		0.970								
2.1		0.973								
2.2		0.976								
2.3		0.978								
2.4		0.980								
2.5		0.982								
2.6 2.7		0.984 0.985								
2.8		0.987								
2.9		0.988								
3.0		0.989								
3.1		0.990								
3.2		0.991								
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
3.4		0.993								
3.5		0.994								
3.6		0.994								
3.7		0.995								
3.8		0.995								
3.9		0.996								
4.0		0.996								
4.1 4.2		0.996								
4.3		0.997								
4.4		0.997								
4.5		0.998								
4.6		0.998								
4.7		0.998								
4.8		0-998								
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.996	0.998

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.509	0.518	0.526	0.535	0.544	0.553	0.561	0.570	0.578
0.1									0.649	
0.2									0.715	
0.3				0.743					0.766	
0.4	0.775								0.804	
0.5	0.811								0.833	
0.6	0.838								0.856	
0.7									0.874	
0.8	0.877			0.882					0.889	
0.9	0.892			0.896						
1.0	0.905			0.908			0.911		0.914	
1.1				0.919					0.923	
1.2	0.923			0.936					0.939	
1.3	0.940			0.943					0.946	
1.5									0.951	
1.6									0.957	
1.7									0.961	
1.8				0.963					0.965	
1.9				0.967					0.969	
2.0									0.972	
2.1				0.973					0.975	
2.2									0.977	
2.3									0.980	
2.4	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982
2.5	0.982	0.982	0.982	0.983	0.983	0.983			0.983	
2.6	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985
2.7				0.986				0.986	0.987	0.987
2.8				0.987					0.988	
2.9									0.989	
3.0				0.990					0.990	
3.1				0.991						
3.2	0.991			0.991					0.992	
3.3									0.993	
3.4									0.993	
3.5				0.994					0.994	
3.6 3.7				0.994					0.995	
3.8									0.996	
3.9										0.996
4.0									0.996	
4.1									0.997	
4.2									0.997	
4.3									0.997	
4.4									0.998	
4.5									0.998	
4.6									0.998	
4.7									0.998	
4.8									0.998	
4.9									0.998	

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.517	0.525	0.533	0.542	0.550	0.558	0.566	0.574
0.1		0.590								
0.2		0.664								
0.3		0.726							0.761	
0.4		0.774								
0.5		0.810							0.831	
0.6		0.838								
0.7		0.860								
0.8		0.878								
0.9		0.893								
1.0		0.906								
1.1		0.916								
1.2		0.926								
1.3		0.934								
1.4 1.5		0.941								
1.6		0.953								
1.7		0.958								
1.8		0.962								
1.9		0.966					0.968			
2.0		0.970								
2.1		0.973								
2.2		0.976								
2.3		0.978								
2.4		0.980					0.981			
2.5		0.982								
2.6	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985
2.7	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988
2.9			0.988				0.989			
3.0		0.990								
3.1		0.991								
3.2		0.991								0.992
3.3		0.992					0.993			0.993
3.4		0.993								
3.5		0.994								
3.6		0.994								
3.7 3.8		0.995 0.995					0.995			0.995
3.9		0.996								
		0.996								
4.0 4.1		0.997								
4.2		0.997								
4.3		0.997								
4.4		0.997								
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6		0.998								
4.7		0.998								
4.8		0.998								
4.9		0.998								

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.516	0.524	0.532	0.540	0.548	0.556	0.563	0.571
0.1							0.623			
0.2							0.690			
0.3							0.745			
0.4							0.789			
0.5							0.822			
0.6							0.848			
0.7							0.868			
0.8							0.885			
0.9							0.899			
1.0							0.911		0.913	
1.1							0.921			
1.2							0.930			
1.3							0.938			0.940
1.5							0.951			0.952
1.6							0.956			
1.7							0.961			
1.8							0.965			0.966
1.9							0.968			
2.0							0.972			
2.1							0.975			
2.2							0.977			0.978
2.3							0.979			0.980
2.4							0.981			0.982
2.5							0.983			
2.6	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986
2.7	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987
2.8		0.987					0.988			0.988
2.9							0.989			
3.0							0.990			
3.1							0.991			0.991
3.2							0.992			0.992
3.3							0.993			0.993
3.4							0.993			
3.5 3.6							0.994			
3.7							0.995			0.995
3.8							0.996			
3.9							0.996			
4-0	0-770	0-996	0.996	0.996	0.006	0.996	0.996	0.770	n 997	0.007
4.1							0.997			
4.2							0.997			
4.3							0.997			
4.4							0.998			
4.5							0.998			
4.6							0.998			
4.7							0.998			
4.8							0.998			
4.9							0.998			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.515	0.523	0.531	0.538	0.546	0.553	0.561	0.568
0.1							0.619			
0.2							0.684			
0.3							0.739			
0.4	0.758	0.763	0.767	0.771	0.775	0.780	0.784	0.788	0.791	0.795
0.5	0.799	0.802	0.805	0.809	0.812	0.815	0.818	0.821	0.824	0.827
0.6	0.830	0.833	0.835	0.838	0.840	0.843	0.845	0.848	0.850	0.852
0.7							0.867			
0.8							0.884			
0.9							0.899			
1.0							0.911			
1.1							0.921			
1.2							0.930			
1.3							0.938			
1.4							0.945			
1.5							0.951			
1.7							0.961			0.962
1.8							0.965			
1.9							0.969			
2.0							0.972			
2.1							0.975			
2.2							0.977			
2.3	0.978	0.979	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980
2.4	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982
2.5	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984
2.6	0.984						0.985			
2.7							0.987			
2.8							0.988			
2.9	0.988						0.989			
3.0					0.990		0.990			
3.1 3.2				0.991			0.991			0.991
3.3							0.993			
3.4							0.994			0.994
3.5							0.994			0.994
3.6							0.995			0.995
3.7							0.995			
3.8	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
4.1							0.997			
4.2							0.997			
4.3							0.997			
4.4							0.998			
4.5							0.998			
4.6							0.998			
4.7 4.8							0.998			
4.9							0.998			
707	U . 770	U . 770	0.770	U • 3 7 0	J. 770	0 6 7 7 0	0 0 7 7 7	U # 7 7 7	0.777	0 . 7 7 7

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.515	0.522	0.529	0.537	0.544	0.551	0.559	0.566
0.1	0.573	0.580	0.587	0.594	0.601	0.608	0.615	0.622	0.628	0.635
0.2	0.641	0.648	0.654	0.660	0.667	0.673	0.679	0.685	0.691	0.696
0.3	0.702	0.708	0.713	0.718	0.723	0.729	0.734	0.739	0.743	0.748
0.4	0.753	0.757	0.762	0.766	0.770	0.774	0.779	0.783	0.786	0.790
0.5	0.794	0.798	0.801	0.805	0.808	0.811	0.814	0.818	0.821	0.824
0.6	0.826	0.829	0.832	0.835	0.838	0.840	0.843	0.845	0.848	0.850
0.7	0.852	0.855	0.857	0.859	0.861	0.863	0.865	0.867	0.869	0.871
0.8	0.873	0.874	0.876	0.878	0.880	0.881	0.883	0.885	0.886	0.888
0.9	0.889	0.891	0.892	0.894	0.895	0.896	0.898	0.899	0.900	0.902
1.0	0.903	0.904	0.906	0.907	0.908	0.909	0.910	0.911	0.913	0.914
1.1	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924
1.2	0.925	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.945	0.945	0.946	0.947
1.5				0.949						
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958
1.7				0.959				0.961	0.962	0.962
1.8	0.963	0.963	0.963	0.964	0.964	0.965	0.965	0.965	0.966	0.966
1.9	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970
2.0				0.971						
2.1	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.975	0.976
2.2				0.977				0.978	0.978	0.978
2.3			0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.980
2.4	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.982
2.5		0.983							0.984	
2.6				0.985					0.986	
2.7				0.986					0.987	
2.8		0.987			0.988					0.988
2.9				0.989					0.990	
3.0				0.990						
3.1	0.991			0.991					0.991	
3.2	0.992			0.992					0.992	
3.3		0.993			0.993					0.993
3.4				0.993						
3.5				0.994						
3.6				0.995						
3.7				0.995						
3.8				0.996						
3.9				0.996						
4.0				0.996						
4.1				0.997						
4.2				0.997						
4.3				0.997						
4.4				0.998						
4.5				0.998						
4.6				0.998						
				0.998						
4.8 4.9				0.998						
7.7	A A A A A	0.770	0.770	0 • 777	0.777	11. 3.4.4	0.444	0.444	0.777	い。メプソ

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.514	0.521	0.528	0.535	0.542	0.550	0.557	0.564
0.1		0.577								
0.2		0.643		0.656						
0.3		0.702								
0.4				0.761						0.786
0.5	0.789	0.793	0.797	0.800	0.804	0.807	0.810	0.814	0.817	0.820
0.6	0.823	0.826	0.829	0.832	0.834	0.837	0.840	0.842	0.845	0.847
0.7	0.850	0.852	0.854	0.857	0.859	0.861	0.863	0.865	0.867	0.869
0.8	0.871	0.873	0.875	0.877	0.878	0.880	0.882	0.883	0.885	0.887
0.9		0.890		0.893						
1.0		0.904								
1.1		0.915								
1.2	0.924	0.925								
1.3				0.936						
1.4				0.943						
1.5		0.948								
1.6		0.954								
1.7		0.959		0.960						
1.8				0.964						
1.9		0.967								
2.0		0.970								
2.1		0.974								
2.2				0.977					0.978	
2.3		0.979								
2.4		0.981								
2.5		0.983								
2.6		0.985							0.986	
2.7		0.986 0.988							0.988	
2.8 2.9		0.989								
3.0		0.990								
3.1	0.991			0.991			0.991		0.992	
3.2		0.992								
3.3		0.993								
3.4		0.993								
3.5		0.994							0.994	
3.6		0.995								
3.7		0.995								
3.8		0.996								
3.9		0.996								
4.0										0.997
4.1		0.997								
4.2		0.997								
4.3	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
4.4		0.998								
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6		0.998								
4.7		0.998								
4.8		0.998								
4.9	0.999	0.999	0.999	3.999	0.999	0.999	0.999	0.999	0.999	0.999

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.514	0.521	0.528	0.534	0.541	0.548	0.555	0.561
0.1							0.608			
0.2							0.669			0.686
0.3				0.708			0.723			0.738
0.4	0.742	0.747	0.752	0.756	0.760	0.765	0.769	0.773	0.777	0.781
0.5	0.785	0.789	0.792	0.796	0.800	0.803	0.806	0.810	0.813	0.816
0.6							0.837			0.844
0.7	0.847	0.849	0.852	0.854	0.856	0.859	0.861	0.863	0.865	0.867
0.8	0.869	0.871	0.873	0.875	0.877	0.878	0.880	0.882	0.884	0.885
0.9	0.887	0.889	0.890	0.892	0.893	0.895	0.896	0.898	0.899	0.900
1.0	0.902	0.903	0.904	0.906	0.907	0.908	0.909	0.910	0.912	0.913
1.1							0.920			0.923
1.2	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.931	0.932
1.3				0.936			0.938			
1.4							0.945			
1.5							0.951			0.953
1.6				0.955			0.956			
1.7				0.960			0.961			0.962
1.8							0.965			0.966
1.9							0.969			
2.0							0.972			0.973
2.1							0.975			
2.2							0.978			0.979
2.3							0.980			0.981
2.4							0.982			0.983
2.5				0.983			0.984			0.984
2.0							0.986			0.986
2.7 2.8				0.987			0.987 0.988			0.987
2.9							0.990			0.989
3.0	0.990			0.990			0.991			0.991
3.1				0.991			0.992			0.992
3.2							0.992			0.993
3.3							0.993			0.993
3.4				0.994			0.994			0.994
3.5				0.994			0.994			0.995
3.6				0.995			0.995		-	0.995
3.7							0.995			0.996
3.8							0.996			
3.9	0.996						J. 995			
4.0							0.997			
4.1							0.997			
4.2							0.997			
4.3	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5							0.998			
4.6							0.998			
4.7							0.998			
4.8							0.998			
4.9	0.999	0.999	0.999	0.999	0.,999	0.999	0.999	0.999	0.999	0.999

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.513	0.520	0.527	0.533	0.540	0.547	0.553	0.560
0.1							0.605			
0.2							0.665			
0.3							0.718			
0.4							0.764			
0.5							0.802			
0.6							0.833			
0.7							0.858			
0.8							0.879			
0.9							0.895			
1.0							0.909			
1.1							0.920			
1.2	0.924	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932
1.3							0.938			
1.4	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
1.5	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.952	0.952	0.953
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.957	0.957	0.958	0.958
1.7	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962	0.963
1.8	0.963	0.964	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.967
1.9	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970	0.970
2.0	0.971	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.973
2.1	0.974	0.974	0.974	0.975	0.975	0.975	0.976	0.976	0.976	0.976
2.2							0.978			
2.3							0.980			
2.4							0.982			
2.5							0.984			
2.6							0.986			
2.7							0.987			
2.8							0.989			
2.9							0.990			
3.0							0.991			
3.1							0.992			
3.2							0.993			
3.3							0.993			
3.4							0.994			0.994
3.5							0.995 0.995			0.995
3.6							0.996			
3.7							0.996			0.996
3.8 3.9	0.996						0.996			
4.0							0.997			
4.1							0.997			
4.2							0.997			
4.3							0.998			
4.4							0-998			
4.5							0.998			
4.6							0.998			
4.7							0.998			
4.8							0.999			
4.9							0.999			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.513	0.520	0.526	0.532	0.539	0.545	0.552	0.558
0.1	0.564	0.571	0.577	0.583	0.590	0.596	0.602	0.608	0.614	0.620
0.2	0.626	0.632	0.638	0.644	0.649	0.655	0.661	0.667	0.672	0.678
0.3							0.714			
0.4							0.760			
0.5							0.798			
0.6							0.830			
0.7							0.856			
0.8							0.877			0.882
0.9							0.894			
1.0							0.908			
1.1							0.920			
1.2				0.927			0.929		0.931	
1.3							0.945			
1.5							0.951			
1.6							0.957			
1.7							0.961			
1.8							0.966			
1.9							0.969			
2.0							0.973			
2.1							0.976			
2.2	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.979	0.979	0.979
2.3	0.979	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.4	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.5							0.984			
2.6							0.986			
2.7							0.987			
2.8							0.989			
2.9							0.990			
3.0				0.991					0.991	
3.1 3.2	0.991						0.992			
3.3							0.993			
3.4							0.994			
3.5							0.995			
3.6							0.995			
3.7							0.996			
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
4.0							0.997			
4.1							0.997			
4.2							0.997			
4.3							0.998			
4.4				0.998					0.998	
4.5							0.998		0.998	
4.6							0.998			
4.7							0.998			
4.8							0.999			
4.9	0.777	0.444	0.444	0.444	0.444	0.999	0.999	0.444	0.444	0.444

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.513	0.519	0.525	0.531	0.538	0.544	0.550	0.557
0.1				0.581						
0.2				0.640						
0.3				0.694						0.724
0.4				0.742						0.768
0.5	0.772	0.776	0.780	0.783	0.787	0.791	0.794	0.798	0.801	0.805
0.6	0.808	0.811	0.814	0.318	0.821	0.824	0.827	0.830	0.833	0.835
0.7	0.838	0.841	0.843	0.846	0.848	0.851	0.853	0.856	0.858	0.860
0.8	0.862	0.865	0.867	0.869	0.871	0.873	0.875	0.877	0.879	0.881
0.9	0.882	0.884	0.886	0.888	0.889	0.891	0.892	0.894	0.896	0.897
1.0				0.903						0.911
1-1	0.912	0.913	0.914	0.916	0.917	0.918	0.919	0.920	0.921	0.922
1.2	0.923	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932
1.3	0.933	0.933	0.934	0.935	0.936	0.937	0.938	0.938	0.939	0.940
1.4				0.943						
1.5				0.950						
1.6				0.955						
1.7				0.960						0.963
1.8				0.965						0.967
1.9				0.969						
2.0				0.972						
2.1				0.975						
2.2				0.978						0.979
2.3					0.980					0.981
2 • 4				0.982						
2.5				0.984						0.985
2.6				0.986						0.987
2.7				0.987					0.988	0.988
2.8				0.989						
2.9				0.990						
3.0				0.991						0.991
3.1				0.992						0.992
3.2				0.993						0.993
3.3				0.993						0.994
3.4				0.994						0.994
3.5		0.994		0.995						0.995
3.6 3.7							0.995			0.995
3.8				0.996 0.996						0.996
3.9				0.997						
4.0				0.997						
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4.3				0.998						
4.4				0.798						
4.5				0.998						
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4.7				0.998						
4.8				0.999						
4.9				0.399						

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.512	0.519	0.525	0.531	0.537	0.543	0.549	0.555
0.1	0.561	0.567	0.573	0.579	0.585	0.591	0.597	0.603	0.609	0.615
0.2							0.654			
0.3	0.675	0.680	0.686	0.691	0.696	0.701	0.706	0.710	0.715	0.720
0.4	0.725	0.729	0.734	0.738	0.743	0.747	0.751	0.756	0.760	0.744
0.5	0.768	0.772	0.776	0.779	0.783	0.787	0.791	0.794	0.797	0.801
0.6	0.804	0.808	0.811	0.814	0.817	0.820	0.823	0.826	0.829	0.832
0.7	0.835	0.838	0.840	0.843	0.346	0.848	0.851	0.853	0.355	0.858
0.8							0.873			0.879
0.9					0.888			0.893		0.896
1.0							0.906			
1.1							0.918			
1.2	0.923						0.929			0.932
1.3				0.935		0.937		0.938		
1.4		0.941		0.943			0.945			0.947
1.5							0.951			
1.6							0.957			
1.7							0.962			
1.8 1.9	0.964						0.970			0.971
2.0							0.973			
2.1							0.976			
2.2	0.977						0.979			
2.3							0.981			0.982
2.4							0.983			
2.5							0.985			
2.6							0.986			0.987
2.7		0.987		0.987			0.988			0.988
2.8	0.988	0.988	0.989	0.389	0.989	0.989	0.989	0.989	0.989	0.990
2.9	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991
3.0	0.991	0.991	0.991	0.991			0.991			0.991
3.1	0.992	0.992		0.992			0.992			0.992
3.2		0.993		0.993			0.993			0.993
3.3				0.994			0.994			0.994
3.4							0.994			
3.5							0.995			0.995
3.6							0.995			0.996
3.7							0.996			
3.8							0.996			
3.9 4.0							0.937			
4.1							0.997			
4.2							0.998			
4.3							0.998			
4.4							0.998			
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4.7							0.999			
4.8							0.999			
4.9							0.999			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.512	0.517	0.523	0.529	0.535	0.541	0.546	0.552
0.1					0.581					
0.2					0.635					
0.3					0.687					
0.4					0.733					
O+3					0.774					0.792
0.6					0.809					0.824
0.7					0.839					
0.8					0.863					
0.9					0.884					
1.0					0.900					
1.1					0.914					
1.2					0.926					
1.3					0.935					
1.4					0.943					0.947
1.5					0.950				0.953	
1.6					0.956					
1.7					0.961					
1.8					0.966					0.372
1.9					0.973					
2.0 2.1					0.976					
2.2					0.979					
2.3					0.981					
2.4					0.983					
2.5					0.985					0.986
2.6					0.987					
2.7			0.988					0.988		
2.8			0.989					0.990		
2.9	0.990	0.990	0.990	0.990		0.991		0.991		0.991
3.0					0.991	0.992	0.992	0.992	0.992	0.992
3.1	U.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
3.2					0.993					
3.3					0.994					
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3.6					0.996					0.996
3.7					0.996					
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3.9					0.997					
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4-1					0.998					
4-2					0.998					
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7.7	ひゅフブブ	U. 777	U.777	U • 777	0.777	0 0 7 7 7	0.777	U . 777	V • 777	00 777

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.511	0.517	0.522	0.528	0.533	0.539	0.544	0.550
0.1							0.588			
0.2							0.640			
0.3	0.660	0.665	0.670	0.675	0.680	0.685	0.689	0.694	0.699	0.703
0.4	0.708	0.712	0.717	0.721	0.725	0.730	0.734	0.738	0.742	0.746
0.5	0.750	0.754	0.758	0.762	0.766	0.770	0.773	0.777	0.781	0.784
0.6	0.788	0.791	0.795	0.798	0.801	0.805	0.808	0.811	0.814	0.817
0.7							0.837			
0.8							0.862			
0.9							0.883			
1.0							0.900			
1.1							0.914			
1.2							0.926			
1.3							0.936			
1.4	_						0.944			
1.5							0.952			
1.6							0.958			
1.8							0.963			
1.9							0.967			
2.0							0.974			
2.1							0.977			
2.2							0.980			
2.3							0.982			
2.4							0.984			
2.5							0.986			
2.6							0.987			
2.7							0.989			
2.8							0.990			
2.9	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.0	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.1	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.2							0.994			
3.3							0.994			
3.4							0.995			
3.5							0.995			
3.6							0.996			
3.7							0.996			
3.8		0.997					0.997			
3.9	9.997	-					0.997			
4.0							0.997			
4.1 4.2							0.998			
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0.4 0.701 0.705 0.710 0.714 0.718 0.723 0.727 0.731 0.735 0.70.5 0.743 0.747 0.751 0.755 0.759 0.762 0.766 0.770 0.774 0.70.6 0.781 0.784 0.788 0.791 0.794 0.798 0.801 0.804 0.807 0.80.7 0.814 0.817 0.820 0.822 0.825 0.828 0.831 0.834 0.837 0.80.8 0.842 0.844 0.847 0.850 0.852 0.855 0.857 0.859 0.866 0.868 0.870 0.873 0.875 0.877 0.879 0.881 0.883 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801 0.80	0.595 0.600 0.645 0.650 0.692 0.697 0.735 0.739 0.774 0.777 0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.1 0.553 0.558 0.564 0.569 0.574 0.579 0.585 0.590 0.595 0.662 0.605 0.610 0.615 0.620 0.625 0.630 0.635 0.640 0.645 0.60 0.645 0.60 0.655 0.660 0.664 0.669 0.674 0.678 0.683 0.688 0.692 0.604 0.701 0.705 0.710 0.714 0.718 0.723 0.727 0.731 0.735 0.73 0.75 0.743 0.747 0.751 0.755 0.759 0.762 0.766 0.770 0.774 0.776 0.6 0.781 0.784 0.788 0.791 0.794 0.798 0.801 0.804 0.807 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.595 0.600 0.645 0.650 0.692 0.697 0.735 0.739 0.774 0.777 0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.2 0.605 0.610 0.615 0.620 0.625 0.630 0.635 0.640 0.645 0.660 0.655 0.660 0.664 0.669 0.674 0.678 0.683 0.688 0.692 0.600 0.701 0.705 0.710 0.714 0.718 0.723 0.727 0.731 0.735 0.65 0.743 0.747 0.751 0.755 0.759 0.762 0.766 0.770 0.774 0.78 0.781 0.784 0.788 0.791 0.794 0.798 0.801 0.804 0.807 0.801 0.814 0.817 0.820 0.822 0.825 0.828 0.831 0.834 0.837 0.80 0.842 0.844 0.847 0.850 0.852 0.855 0.857 0.859 0.862 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801 0.801 0.804 0.807 0.801	0.645 0.650 0.692 0.697 0.735 0.739 0.774 0.777 0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.4 0.701 0.705 0.710 0.714 0.718 0.723 0.727 0.731 0.735 0.70 0.5 0.743 0.747 0.751 0.755 0.759 0.762 0.766 0.770 0.774 0.70 0.70 0.714 0.755 0.759 0.762 0.766 0.770 0.774 0.70 0.70 0.714 0.788 0.791 0.794 0.798 0.801 0.804 0.807 0.80 0.811 0.817 0.820 0.822 0.825 0.828 0.831 0.834 0.837 0.80 0.80 0.842 0.844 0.847 0.850 0.852 0.855 0.857 0.859 0.862 0.8 0.9 0.866 0.868 0.870 0.873 0.875 0.877 0.879 0.881 0.883 0.8 0.9 0.806 0.888 0.890 0.892 0.894 0.895 0.897 0.899 0.900 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.735 0.739 0.774 0.777 0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.4 0.701 0.705 0.710 0.714 0.718 0.723 0.727 0.731 0.735 0.76	0.735 0.739 0.774 0.777 0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.6	0.807 0.811 0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.7	0.837 0.839 0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.8	0.862 0.864 0.883 0.884 0.900 0.902 0.915 0.916
0.9 0.866 0.868 0.870 0.873 0.875 0.877 0.879 0.881 0.883 0.8 1.0 0.886 0.888 0.890 0.892 0.894 0.895 0.897 0.899 0.900 0.9 1.1 0.903 0.905 0.906 0.908 0.909 0.911 0.912 0.914 0.915 0.9 1.2 0.917 0.919 0.920 0.921 0.922 0.924 0.925 0.926 0.927 0.9 1.3 0.929 0.930 0.931 0.932 0.933 0.934 0.935 0.936 0.937 0.9 1.4 0.939 0.940 0.941 0.942 0.942 0.943 0.944 0.945 0.746 0.9 1.5 0.947 0.948 0.949 0.949 0.950 0.951 0.951 0.952 0.953 0.9 1.6 0.954 0.955 0.955 0.956 0.957 0.957 0.958 0.958 0.959 0.9 1.7 0.960 0.960 0.961 0.961 0.962 0.962 0.963 0.964 0.964 0.964 1.8 0.965 0.965 0.966 0.966 0.967 0.967 0.968 0.968 0.968 0.968 1.9 0.969 0.970 0.970 0.971 0.971 0.972 0.972 0.972 0.972 2.0 0.973 0.973 0.974 0.974 0.974 0.975 0.975 0.975 0.976 0.9 2.1 0.976 0.976 0.977 0.977 0.977 0.978 0.978 0.978 0.978 0.978 2.2 0.979 0.979 0.980 0.980 0.980 0.980 0.981 0.981 0.981 2.3 0.981 0.982 0.982 0.982 0.983 0.983 0.983 0.983 0.983 2.4 0.983 0.984 0.984 0.984 0.984 0.984 0.985 0.985 0.985 0.985 2.5 0.985 0.986 0.986 0.986 0.986 0.986 0.986 0.988 0.988 0.988 2.6 0.987 0.987 0.987 0.987 0.988 0.988 0.988 0.988 0.988 0.988 2.7 0.988 0.989 0.989 0.989 0.989 0.989 0.999 0.990 0.991 0.991 0.991 2.8 0.990 0.991 0.991 0.991 0.991 0.991 0.992 0.992 0.992 0.992	0.883 0.884 0.900 0.902 0.915 0.916
1.0	0.900 0.902 0.915 0.916
1.1	0.915 0.916
1.2	
1.3	
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	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.516	0.521	0.526	0.531	0.536	0.541	0.546
0.1		0.557								
0.2		0.607								
0.3		0.655								
0.4		0.700								
0.5		0.741								
0.6		0.778								
0.7		0.811								
0.8		0.839								
0.9	0.861	0.864	0.866	0.868	C.870	0.872	0.874	0.877	0.879	0.881
1.0	0.883	0.884	0.886	0.888	0.890	0.892	0.894	0.895	0.897	0.899
1.1	0.900	0.902	0.903	0.905	0.907	0.908	0.910	0.911	0.912	0.914
1.2					0.920					
1.3		0.929								
1.4		0.939								
1.5		0.947								
1.6	0.954				0.957					
1.7		0.961								
1.8		0.966								
1.9	_	0.970								
2.0	0.973				0.975					
2.1	0.977				0.978					
2.2		0.980								
2.3		0.982								
2.4 2.5		0.984							0.986	
2.6		0.986 0.988							0.987	
2.7		0.989							0.989	
2.8		0.990								
2.9					0.992					
3.0					0.993				0.993	
3.1		0.993								
3.2		0.994								
3.3		0.995							0.995	
3.4					0.995				0.996	
3.5	0.996	0.996	0.996	0.996	0.996	0.996			0.996	
3.6	0.996	0.996	0.996	0.996	0.997	0.997				
3.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.8	0.997	0.997	0.997	0.997	0.997	0.997			0.997	
3.9	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0		0.998								
4.1		0.998								
4.2		0.998								
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4.9	0.333	0.999	0.333	V. 999	0.999	0.999	0.999	0.999	0.999	0.999

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.515	0.520	0.525	0.530	0.535	0.540	0.545
0.1	0.550	0.555	0.560	0.565	0.570	0.575	0.580	0.584	01589	0.594
0.2							0.627			
0.3	0.646	0.651	0.655	0.660	0.664	0.669	0.673	0.678	0.682	0.686
0.4							0.715			
0.5							0.754			
0.6							0.789			
0.7							0.820			
0.8							0.847			0.855
0.9							0.870			
1.0							0.890			
1.1							0.907			0.911
1.2							0.921			
1.3							0.933			0.936
1.4							0.951			
1.5							0.958			
1.7							0.963			
1.8							0.968			
1.9							0.972			
2.0							0.976			
2.1							0.979			0.980
2.2				0.981			0.982			0.982
2.3							0.984			
2.4							0.986			0.986
2.5							0.987			0.988
2.6							0.989			0.989
2.7	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
2.8							0.991			0.992
2.9							0.992			0.993
3.0							0.993			0.994
3.1							0.994			0.994
3.2							0.995			0.995
3.3							0.995			0.996
3.4							0.996			0.996
3.5							0.996			0.997
3.6							0.997			
3.7							0.997			0.997
3.8 3.9							0.998			0.998
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4.3							0.999			
4.4						-	0.999			
4.5							0.999			
4.6						-	0.999			
4.7							0.999			
4.8						-	0.999			
4.9							0.999			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.515	0.520	0.524	0.529	0.534	0.539	0.544
0.1		0.554								
0.2		0.601								0.638
0.3		0.647					0.669			0.682
0.4		0.690					0.711			
0.5		0.731								
0.6	0.764	0.767	0.771	0.774	0.778	0.781	0.785	0.788	0.791	0.794
0.7		0.800					0.816			0.824
0.8		0.830					0.843			0.851
0.9		0.855					0.867			0.873
1.0		0.877								
1.1		0.896								
1.2		0.912								
1.3		0.926					0.931			
1.4		0.937					0.942			
1.5		0.946					0.950			0.953
1.6		0.954								
1.7		0.961					0.969			0.965
1-8		0.966								0.974
1.9 2.0		0.975								
2.1		0.978								
2.2		0.981		0.981	0.982		0.982			0.983
2.3		0.983								
2.4		0.985								
2.5		0.987								0.988
2.6		0.989								0.990
2.7		0.990			0.991		0.991			0.991
2.8		0.991								0.992
2.9		0.992								
3.0	0.993	0.993								0.994
3.1	0.994						0.994			
3.2	0.995	0.995	0,995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.3		0.995								
3.4		0.996								
3.5		0.997					0.997			
3.6		0.997					0.997			
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0.0	0.500	0.505	0.510	0.514	0.519	0.524	0.529	0.533	0.538	0.543
0.1	0.548	0.552	0.557	0.562	0.567	0.571	0.576	0.581	0.585	0.590
0.2	0.594	0.599	0.604	0.608	0.613	0.617	0.622	0.626	0.631	0.635
0.3	0.640	0.644	0.649	0.653	0.657	0.661	0.666	0.670	0.674	0.678
0.4	0.683	0.687	0.691	0.695	0.699	0.703	0.707	0.711	0.715	0.719
0.5	0.723	0.727	0.730	0.734	0.738	0.742	0.745	0.749	0.753	0.756
0.6	0.760	0.763	0.767	0.770	0.774	0.777	0.780	0.784	0.787	0.790
0.7		0.796								
0.8		0.826								
0.9		0.852								
1.0		0.874								
1.1		0.894								
1.2		0.910								
1.3		0.924								
1.4		0.936								
1.5		0.946								
1.6		0.954								
1.7							0.964			
1.8		0.965								
1.9		0.971								
2.0		0.975					0.980			
2.1 2.2		0.981								
2.3		0.984								
2.4		0.986								
2.5		0.988								
2.6		0.989								
2.7		0.991								0.992
2.8		0.992								
2.9		0.993								
3.0		0.994								
3.1		0.994								
3.2		0.995								
3.3	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.4	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
3.5	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.7	0.997	0.998			0.998	0.998	0.998	0.998	0.998	0.998
3.8	0.998	0.998		0.998			0.998			
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4-1		0.998								
4.2		0.999								
4.3		0.999								
4.4	-	0.999								
4.5		0.999								
4.6		0.999								
4.7		0.999								
4.8		0.999								
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

	0	1	2	3	4	5	6	7	8	9
0.0	0 500	0 505	0 500	0 514	0 510	n 523	0.528	0.533	0.537	0.542
0.1							0.574			
0.2							0.620			
0.3							0.663			
0.4							0.704			
0.5							0.742			
0.6							0.777			
0.7							0.808			
0.8							0.836			
0.9							0.860			
1.0		0.871					0.882			
1.1		0.891					0.900			0.905
1.2							0.916			0.920
1.3	0.921	0.922	0.924	0.925	0.926	0.928	0.929	0.930	0.931	0.932
1.4		0.935					0.940			0.943
1.5		0.945					0.949			0.952
1.6							0.957			0.959
1.7							0.963			
1.8							0.969			0.970
1.9							0.973			
2.0		0.975					0.977			
2.1							0.980			
2.2	_						0.983			
2.3		0.984					0.985			
2.4		0.986					0.987			
2.5 2.6		0.988					0.989			
2.7		0.991					0.992			
2.8		0.992					0.993			
2.9		0.993					0.994			
3.0							0.994			
3.1							0.995			
3.2							0.996			
3.3		0.996					0.996			
3.4		0.997					0.997			
3.5	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
3.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.8		0.998			0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
4.1							0.999			
4.2							0.999			
4.3							0.999			
4-4							0.999			
4.5							0.999			
4.6					0.999		0.999			
4.7							0.999			
4.8							0.999			
4.9	0.999	0. 999	0.999	0.999	0.399	0.799	0.999	1.000	1.000	T = 000

	0	i	2	3	4	5	6	7	8	3
0.0	0.500	0.505	0.509	0.514	0.518	0.523	0.528	0.532	0.537	0.541
0.1							0.573			
0.2							0.618			0.631
0.3		0.639					0.660			
0.4	0.677	0.681	0.685	0.689			0.701			0.712
0.5	0.716	0-720	0.724	0.727	0.731	0.735	0.738	0.742	0.746	0.749
0.6	0.753	0.756	0.760	0.763	0.767	0.770	G.773	0.777	0.780	0.783
0.7	0.786	0.789	0.792	0.796	0.799	0.802	0.805	0.807	0.811	0.813
8.0	0.816	0.819	0.822	0.825	0.827	0.830	0.833	0.835	0.838	0.840
0.9	0.843	0.845	0.848	0.850	0.853	0.855	0.858	0.860	0.862	0.864
1.0	0.866	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885
1.1	0.887	0.889	0.891	0.892	0.894	0.996	0.898	0.900	0.901	0.903
1.2							0.914			0.918
1.3							0.928			0.931
1-4							0.939			0.942
1.5							0.949			0.951
1.6							0.957			0.959
1.7		0.960					0.963			0.965
1.8							0.969			0.970
1.9							0.974			0.975
2.0							0.977			0.979
2.1							0.981			0.982
2.2		0.982					0.983			0.984
2.3							0.986			0.987
2-4							0.988			0988
2.5							0.990			0.990
2.6		0.990					0.991			0.991 0.992
2.7							0.992			
2.8 2.9							0.993			0.994 0.994
3.0							0.995			0.995
3.1							0.995			0.996
3.2							0.996			0.996
3.3							0.997			
3.4		0.997					0.997			0.997
3.5							0.997			0.998
3.6							0.998			0.998
3.7							0.998			0.998
3.8							0.998			0.998
3.9	0.998						0.998			0.999
4.0	0.999						0.999			0.999
4.1							0.999			
4.2							0.999			
4.3							0.999			
4.4	0.999	0.999	0.999	0.999	.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.993	0.999	0.999	0.999	0.999	0.999
4.7							0.999			
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	O	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.509	0.514	0.518	0.523	0.527	0.532	0.536	0.541
0.1	0.545			0.559						
0.2				0.603						
0.3	0.633			0.646						
0.4	0.675	0.679		0.686					0.706	
0.5		0.717		0.725					0.743	
0.6				0.760						
0.7				0.793						
0.8				0.822						
0.9				0.848						
1.0	0.864			0.871			0.877		0.881	
1.1				0.891						
1.2				0.908						
1.3		0.920		0.922						
1.4	0.931			0.935						0.941
1.5				0.945						
1.6 1.7				0.961						
1.8				0.967						
1.9			,	0.972					0.975	
2.0				0.977					0.979	
2.1				0.980		0.981		0.981		0.982
2.2	0.982			0.983				0.984		0.985
2.3				0.986				0.987		
2.4									0.989	
2.5				0.989						
2.6				0.991					0.992	
2.7				0.992						
2.8	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
2.9	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
3.0	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.1			0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.2	0.996			0.996					0.997	
3.3				0.997					0.997	
3.4				0.997					0.997	
3.5				0.998						
3.6		0.998		0.998						
3.7				0.998						
3.8				0.998						
3.9				0.999						
4.0				0.999						
4.1				0.999						
4.2 4.3				0.999						
4.4				0.999 0.999						
4.5				0.999						
4.6				0.999						
4.7				0.999						
4.8				1.000						
4.9				1.000						

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.518	0.522	0.527	0.531	0.535	0.540
0.1	0.544	0.549	0.553	0.557	0.562	0.566	0.570	0.575	0.579	0.583
0.2	0.588	0.592	0.596	0.601	0.605	0.609	0.613	0.617	0.622	0.626
0.3	0.630			0.642						
0.4				0.682						
0.5				0.720						
0.6				0.755						
0.7	0.778			0.788						
0.8	0.809			0.817						
0.9 1.0				0.867						
1.1				0.887						
1.2				0.905						
1.3				0.920						
1.4				0.933						
1.5				0.944						
1.6				0.953						
1.7				0.961						
1.8	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.970	0.971
1.9				0.973						
2.0				0.977						0.979
2.1				0.981						0.983
2.2				0.984						
2.3				0.986						
2.4				0.988						
2.5				0.990						
2.6				0.992						
2.7 2.8				0.993						
2.9				0.995						
3.0				0.995						
3.1				0.996						
3.2				0.997						
3.3				0.997						
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.6				0.998						
3.7				0.998						
3.8				0.999						0.999
3.9		0.999					0.999			
4.0				0.999						
4.1				0.999						
4.3				0.999						
4.4				0.999						
4.5				0.999						1.000
4.6		1.000			1.000			1.000	1.000	1.000
4.7		1.000	1.000	1.000	1.000	1.000		1.000	1.000	1.000
4.8		1.000	1.000	1.000	1.000		1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000		1.000		1.000	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.517	0.522	0.526	0.530	0.535	0.539
0.1				0.556						
0.2	0.586	0.590	0.594	0.599	0.603	0.607	0.611	0.615	0.619	0.624
0.3	0.628	0.632	0.636	0.640	0.644	0.648	0.652	0.656	0.660	0.654
0.4				0.679						0.702
0.5				0.717						
0.6				0.752						
0.7				0.784						
0.8				0.813						
0.9		0.835					0.847			0.854
1.0				0.863						0.876
1.1				0.884						0.895
1.2				0.902						_
1.3				0.918			0.935			0.926
1.5				0.943						
1.6				0.952						
1.7		0.959					0.963			0.965
1.8				0.967			0.969			0.971
1.9				0.973						0.976
2.0				0.977			0.979			-
2.1	0.980	0.980	0.981	0.981	0.981	0.982	0.982	0.983	0.983	0.983
2.2	0.983	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.986	0.986
2.3	0.986	0.986	0.987	0.987	0.987		0.988			0.988
2.4	0.988	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
2.5		0.991					0.991			0.992
2.6				0.992						0.993
2.7		0.993					0.994			0.994
2.8				0.994						
2.9				0.995						
3.0 3.1				0.996			0.997			
3.2				0.997			0.997			0.997
3.3							0.998			_
3.4		0.998					0.998			
3.5		0.998			0.998		0.998			0.998
3.6		0.998			0.998		0.999			0.999
3.7				0.999			0.999			
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0				0.999						
4.1				0.999						
4.2				0.999						
4.3				0.999						
4.4				1.000						1.000
4.5		1.000			1.000		1.000			1.000
4.6 4.7		1.000					1.000			1.000
4.8		1.000		1.000			1.000			
4.9				1.000						
7 0 /	10000	1.000	*****		3 - 000		. = 500	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.517	0.521	0.526	0.530	0.534	0.538
0.1							0.568			
0.2							0.610			
0.3							0.650			
0.4							0.688			0.700
0.5							0.725			0.735
0.6	0.739	0.742	0.745	0.749	0.752	0.755	0.759	0.762	0.765	0.768
0.7	0.772	0.775	0.778	0.781	0.784	0.787	0.790	0.793	0.796	0.799
0.8	0.802	0.805	0.807	0.810	0.813	0.816	0.819	0.821	0.824	0.827
0.9	0.829	0.832	0.834	0.837	0.840	0.842	0.844	0.847	0.849	0.852
1.0	0.854	0.856	0.858	0.861	0.863	0.865	0.867	0.869	0.872	0.874
1.1							0.888			0.893
1.2							0.905			0.910
1.3	0.912	0.913	0.915	0.916	0.918	0.919	0.921	0.922	0.924	0.925
1.4							0.934			
1.5							0.945			
1.6							0.954			0.957
1.7				0.960			0.962			0.964
1.8							0.969			0.971
1.9							0.974			
2.0							0.979			
2.1				0.981			0.983			0.983
2.2							0.986			0.986
2.3				0.987			0.988			0.989
2.4		0.989					0.990			0.991
2.5		0.991					0.992			_
2.6 2.7		0.992		-	0.993		0.993			0.994
2.8							0.995			0.995
2.9							0.996			0,996
3.0				0.997			0.997			
3.1		0.997		0.997			0.997			
3.2		0.997			0.998		0.998			0.998
3.3							0.998			
3.4				0.998			0.998			
3.5		0.998		0.998	0.998		0.999	-		
3.6			0.999	0.999		0.999	0.999	0.999	0.999	
3.7				0.999			0.999			0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2				0.999			1.000			1.000
4.3			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4			1.000		1.000	1.000	1.000	1.000	1.000	1.000
4.5		1.000			1.000	1.000		1.000	1.000	1.000
4.6		1.000			1.000			1.000		1.000
4.7	_		1.000		1.000	1.000		1.000		1.000
4.8		1.000			1.000	1.000		1.000		1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.513	0.517	0.521	0.525	0.530	0.534	0.538
0.1							0.567			
0.2							0.608			
0.3							0.648			
0.4	0.664	0.667	0.671	0.675	0.679	0.683	0.686	0.690	0.694	0.697
0.5	0.701	0.705	0.708	0.712	0.715	0.719	0.723	0.726	0.730	0.733
0.6	0.736	0.740	0.743	0.747	0.750	0.753	0.756	0.760	0.763	0.766
0.7	0.769	0.772	0.775	0.779	0.782	0.785	0.788	0.791	0.794	0.796
0.8	0.799	0.802	0.805	0.808	0.811	0.814	0.816	0.819	0.822	0.824
0.9							0.842			
1.0							0.865			
1.1							0.886			
1.2							0.904			
1.3							0.919			
1.4							0.933			
1.5							0.944			
1.6							0.954			
1.7							0.962			
1.8							0.969			
1.9							0.975			
2.0 2.1							0.979			
							0.983			
2.2							0.986			
2.4							0.991			
2.5							0.992			
2.6							0.994			
2.7							0.995			0.995
2.8							0.996			0.996
2.9							0.996			
3.0							0.997			
3.1							0.998			
3.2							0.998			0.998
3.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7							0.999			
3.8							0.999			
3.9		0.999					0.999			
4.0							0.999			
4-1							1.000			1.000
4.2					1.000			1.000		1.000
4.3							1.000			1.000
4.4							1.000			1.000
4.5					1.000			1.000		1.000
4.6							1.000			1.000
4.7							1.000			
4.8							1.000			
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

0 1 2 3 4 5	6 7	8	9
0.0 0.500 0.504 0.508 0.513 0.517 0.521 0.			
0.1 0.542 0.546 0.550 0.554 0.558 0.563 0.			
0.2 0.583 0.587 0.591 0.595 0.599 0.603 0.			
0.3 0.623 0.627 0.631 0.635 0.639 0.643 0.			
0.4 0.662 0.666 0.670 0.674 0.677 0.681 0.			
0.5 0.700 0.703 0.707 0.710 0.714 0.717 0.			
0.6 0.735 0.738 0.741 0.745 0.748 0.751 0.			
0.7 0.767 0.770 0.774 0.777 0.780 0.783 0.			
0.8 0.797 0.800 0.803 0.806 0.809 0.812 0.			
0.9 0.825 0.828 0.930 0.833 0.835 0.838 0.			
1.0 0.850 0.852 0.855 0.857 0.859 0.862 0.			0.870
1.1 0.872 0.874 0.876 0.878 0.880 0.882 0.			
1.2 0.892 0.894 0.896 0.897 0.899 0.901 0.			
1.3 0.909 0.911 0.912 0.914 0.915 0.917 0.			
1.4 0.924 0.925 0.927 0.928 0.929 0.931 0.			
1.5 0.937 0.938 0.939 0.940 0.942 0.943 0.			
1.6 0.948 0.949 0.950 0.951 0.952 0.953 0.			
1.7 0.957 0.958 0.959 0.959 0.960 0.961 0.			
1.8 0.965 0.965 0.966 0.967 0.968 0.968 0.			
1.9 0.971 0.972 0.972 0.973 0.973 0.974 0.			
2.0 0.976 0.977 0.977 0.978 0.978 0.979 0.			
2.1 0.981 0.981 0.982 0.982 0.983 0.			
2.2 0.984 0.985 0.985 0.986 0.986 0.			
2.3 0.987 0.988 0.988 0.988 0.989 0.			
2.4 0.990 0.990 0.990 0.991 0.991 0.			0.991
2.5 0.992 0.992 0.992 0.992 0.992 0.992 0.			
2.6 0.993 0.993 0.994 0.994 0.994 0.994 0.			
2.7 0.994 0.995 0.995 0.995 0.995 0.995 0.			
2.8 0.995 0.996 0.996 0.996 0.996 0.996 0.			0.996
2.9 0.996 0.996 0.997 0.997 0.997 0.997 0. 3.0 0.997 0.997 0.997 0.997 0.997 0.			
3.0 0.997 0.997 0.997 0.997 0.997 0.997 0. 3.1 0.998 0.998 0.998 0.998 0.998 0.998 0.			
3.2 0.998 0.998 0.998 0.998 0.998 0.998 0.			
3.3 0.998 0.998 0.998 0.998 0.998 0.998 0.998 0.			
3.4 0.999 0.999 0.999 0.999 0.999 0.999 0.			
3.5 0.999 0.999 0.999 0.999 0.999 0.999 0.			
3.6 0.999 0.999 0.999 0.999 0.999 0.999 0.			
3.7 0.999 0.999 0.999 0.999 0.999 0.999 0.			
3.8 0.999 0.999 0.999 0.999 0.999 0.999 0.			
3.9 0.999 0.999 0.999 0.999 0.999 0.999 0.	,,, .,,,		
4.0 1.000 1.000 1.000 1.000 1.000 1.000 1.	999 0.999	0.999	0 444
4.1 1.000 1.000 1.000 1.000 1.000 1.000 1.			
4.2 1.000 1.000 1.000 1.000 1.000 1.000 1.	000 1.000	1.000	1.000
4.3 1.000 1.000 1.000 1.000 1.000 1.000 1.	000 1.000	1.000	1.000
	000 1.000 000 1.000 000 1.000	1.000 1.000 1.000	1.000 1.000 1.000
4.4 1.000 1.000 1.000 1.000 1.000 1.000 1.	000 1.000 000 1.000 000 1.000 000 1.000	1.000 1.000 1.000 1.000	1.000 1.000 1.000
4.4 1.000 1.000 1.000 1.000 1.000 1.000 1. 4.5 1.000 1.000 1.000 1.000 1.000 1.000 1.	000 1.000 000 1.000 000 1.000 000 1.000 000 1.000	1.000 1.000 1.000 1.000	1.000 1.000 1.000 1.000
4.5 1.000 1.000 1.000 1.000 1.000 1.000 1.	000 1.000 000 1.000 000 1.000 000 1.000 000 1.000	1.000 1.000 1.000 1.000 1.000	1.000 1.000 1.000 1.000 1.000
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4.5 1.000 1.000 1.000 1.000 1.000 1.000 1. 4.6 1.000 1.000 1.000 1.000 1.000 1.	000 1.000 000 1.000 000 1.000 000 1.000 000 1.000 000 1.000 000 1.000	1.000 1.000 1.000 1.000 1.000 1.000 1.000	1.000 1.000 1.000 1.000 1.000 1.000 1.000

	U	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.513	0.517	0.521	0.525	0.529	0.533	0.537
9.1	0.541	0.546	0.550	0.554	0.558	0.562	0.566	0.570	0.574	0.578
0.2							0.607			
0.3							0.646			
0.4	0.661	0.665	0.669	0.672	0.676	0.680	0.684	0.687	0.691	0.694
0.5	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.723	0.726	0.730
0.6	0.733	0.737	0.740	0.743	0.747	0.750	0.753	0.756	0.759	0.763
0.7	0.766	0.769	0.772	0.775	0.778	0.781	0.784	0.787	0.790	0.793
8.0	0.796	0.799	0.802	0.805	0.807	0.810	0.813	0.816	0.818	0.821
0.9				0.831			0.839			0.846
1.0	0.849	0.851	0.853	0.856	0.858	0.860	0.862	0.865	0.867	0.869
1.1	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885	0.887	0.889
1.2							0.902			0.907
1.3							0.917			0.922
1.4							0.931			0.935
1.5							0.943			
1.6							0.953			
1.7				0.959			0.962			
1.8				0.967			0.969			0.971
1.9							0.975			
2.0							0.979			
2.1							0.983			
2.2				0.986			0.987			0.987
2.3				0.988			0.989			0.990
2.4							0.991			
2.5							0.993			0.993
2.6				0.994			0.994			
2.7		0.995					0.995			0.996
2.8 2.9		0.996		0.997			0.996			
3.0				0.997			0.997			0.998
3.1		0.998					0.998			_
3.2		0.998					0.998			0.998
3.3				0.999			0.999			_
3.4				0.999			0.999			
3.5		0.999					0.999			
3.6		0.999					0.999			
3.7				0.999			0.999			0.999
3.8							0.999			-
3.9							1.000			
4.0							1.000			1.000
4.1		1.000					1.000			1.000
4.2		1.000					1.000		1.000	1.000
4.3		1.000					1.000		1.000	1.000
4.4		1.000					1.000		1.000	1.000
4.5		1.000					1.000		1.000	1.000
4.6		1.000					1.000		1.000	1.000
4.7		1.000			1.000	1.000	1.000	1.000	1.000	1.000
4.8		1.000			1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000			1.000			

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0-504	0.508	0.512	0.517	0.521	0.325	0.529	0.533	0-537
0.1					0.557					
0.2					0.598					
0.3					0.637					
0.4					0.675					
0.5					0.711					
0.6					0.745					
0.7					0.777					
0.8					0.806					
0.9	0.822	0.825	0.828	0.830	0.833	0.835	0.838	0.840	0.843	0.845
1.0	0.847	0.850	0.852	0.855	0.857	0.859	0.861	0.863	0.866	0.868
1.1	0.870	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886	0.888
1.2	0.890	0.892	0.894	0.895	0.897	0.899	0.901	0.902	0.904	0.906
1.3	0.907	0.909	0.911	0.912	0.914	0.915	0.917	0.918	0.920	0.921
1.4	0.923	0.924	0.925	0.927	0.928	0.929	0.931	0.932	0.933	0.935
1.5	0.936	0.937	0.938	0.939	0.940	0.942	0.943	0.944	0.945	0.946
1.6	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956
1.7	0.957	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964
1.8					0.967					
1.9	0.971				0.973					
2.0	0.977				0.979					
2.1	0.981				0.983		0.983			
2.2					0.986					0.988
2.3					0.989					
2.4					0.991					
2.5					0.993					
2.6					0.994					
2.7					0.995					
2.8					0.996		0.997			
2.9 3.0					0.997		0.998			
3.1					0.998					
3.2		-			0.998		-	-		
3.3					0.999					
3.4					0.999					
3.5					0.999		-			
3.6					0.999					
3.7					0.999					
3.8					1.000					1.000
3.9					1.000					1.000
4.0					1.000		1.000			1.000
4.1		1.000			1.000	1.000		1.000		1.000
4.2	1.000			1.000	1.000	1.000		1.000		1.000
4.3	1.000			1.000	1.000	1.000	1.000		1.000	1.000
4.4	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.525	0.529	0.533	0.537
0.1								0.569		
0.2								0.609		
0.3	0.621	0.625	0.629	0.633	0.637	0.641	0.644	0.648	0.652	0.656
0.4	0.660	0.663	0.667	0.671	0.674	0.678	0.682	0.685	0.689	0.693
0.5	0.696	0.700	0.703	0.707	0.710	0.714	0.717	0.721	0.724	0.728
0.6								0.754		
0.7								0.785		
0.8								0.813		
0.9								0.839		
1.0								0.863		
1.1								0.883		
1.2								0.902		
1.3								0.918		
1.4								0.932		
1.5 1.6								0.943		
1.7								0.962		
1.8								0.969		
1.9								0.975		
2.0								0.980		
2.1								0.984		
2.2								0.987		
2.3								0.990		
2.4	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
2.5								0.994		
2.6								0.995		
2.7								0.996		
2.8								0.997		
2.9								0.998		
3.0				_				0.998		
3.1								0.998		
3.2 3.3								0.999		
3.4								0.999		
3.5				0.999				0.999		
3.6								0.999		
3.7								1.000		
3.8								1.000		
3.9								1.000		
4.0				1.000				1.000		
4-1	1.000	1.000		1.000			1.000		1.000	
4.2		1.000	1.000		1.000			1.000	1.000	
4.3		1.000	1.000		1.000				1.000	
4.4		1.000	1.000	1.000		1.000		1.000	1.000	
4.5		1.000	1.000	1.000		1.000		1.000	1.000	
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0-520	0.524	0.529	0.533	0.537
0.1							0.565			
0.2							0.605			0.617
0.3							0.644			0.655
0.4							0.681			0.692
0.5							0.717			0.727
0.6		0.734					0.750			0.760
0.7							0.781			0.790
0.8	0.793	0.796	0.799	0.802	0.804	0.807	0.810	0.813	0.815	0.818
0.9							0.836			0.843
2.0							0.860			0.866
1.1							0.881			0.887
1.2	0.888	0.890	0.892	0.894	0.896	0.898	0.899	0.901	0.903	0.905
1.3							0.916			0.920
1.4	0.922	0.923	0.925	0.926	0.927	0.929	0.930	0.931	0.932	0.934
1.5	0.935	0.936	0.938	0.939	0.940	0.941	0.942	0.943		0.945
1.6	0.947	0.947	0.949	0.950	0.951	0.952	0.953	0.954	0.954	0.955
1.7	0.956	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964
1.8	0.964	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.974	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981
2.1	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.984	0.985
2.2	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988	0.988
2.3	0.988	0.988	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991
2.4	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
2.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
2.6				<b>v.995</b>			0.995			0.995
2.7							0.996			0.996
2.8	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.9		0.997					0.998		0.998	0.998
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3. l		0.998					0.998			
3.2							0.999			
3.3							0.999			
3.4							0.999			
3.5							0.999			
3.6							0.999		1.000	1.000
3.7			1.000	1.000			1.000		1.000	1.000
3.8		1.000	1.000		1.000	_	1.000	1.000	1.000	1.000
3.9		1.000	1.000	1.000			1.000		1.000	1.000
4.0			1.000	1.000			1.000		1.000	1.000
4-1		1.000	1.000				1.000		1.000	1.000
4.2		1.000	1.000		1.000		1.000	1.000	1.000	1.000
4.3		1.000		1.000			1.000	1.000	1.000	1.000
4.4		1.000	1.000		1.000		1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.537
0.1							0.565			
0.2							0.605			0.616
0.3							0.643			0.655
0.4	0.658	0.662	0.666	0.670	0.673	0.677	0.681	0.684	0.688	0.691
0.5							0.716			0.726
0.6							0.749			
0.7				0.771			0.780			0.789
0.8							0.809			
0.9							0.835			0.843
1.0							0.859			
1.1 1.2							0.880			
1.3				0.911			0.915			
1.4		0.923					0.930			0.933
1.5							0.942			
1.6							0.952			0.955
1.7							0.961			
1.8							0.969			0.971
1.9	0.971	0.972	0.972	0.973	0.974	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981
2.1							0.984			0.985
2.2							0.987			0.988
2.3							0.990			0.991
2.4				0.991			0.992			0.993
2.5				0.993			0.994			0.994
2.6							0.995			0.995
2.7 2.8				0.995			0.996			
2.9							0.998			0.997 0.998
3.0							0.998			0.998
3.1		0.998					0.999			0.999
3.2				0.999			0.999			0.999
3.3		0.999			0.999		0.999			0.999
3.4				0.999			0.999	0.999	0.999	0.999
3.5				0.999			0.999	0.999	0.999	0.999
3.6		0.999			1.000		1.000			1.000
3.7		1.000			1.000		1.000	1.000	1.000	1.000
3.8		1.000			1.000		1.000			1.000
3.9		1.000			1.000		1.000			1.000
4.0		1.000			1.000		1.000			1.000
4.1			1.000		1.000		1.000			1.000
4.2		1.000			1.000		1.000			1.000
4.3 4.4				1.000			1.000			1.000
7.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

# ALPHA = 2.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0-520	0.524	0-528	0.532	0-536
0.1							0.565			
0.2					-		0.604			
0.3							0.643			
0.4							0.680			
0.5		0.698					0.715			
0.6							0.749			
0.7							0.780			
0.8							0.809			
0.9							0.835			
1.0	0.845	0.847	0.849	0.852	0.854	0.856	0.858	0.861	0.863	0.865
1.1	0.867	0.869	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886
1.2	0.888	0.889	0.891	0.893	0.895	0.897	0.899	0.900	0.902	0.904
1.3	0.905	0.907	0.909	0.910	0.912	0.914	0.915	0.917	0.918	0.920
1.4	0.921	0.922	0.924	0.925	0.927	0.928	0.929	0.931	0.932	0.933
1.5	0.935	0.936	0.937	0.938	0.939	0.941	0.942	0.943	0.944	0.945
1.6	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955
1.7	0.956	0.957	0.958	0.959	0,959	0.960	0.961	0.962	0.963	0.964
1.8							0.969			0.970
1.9		0.972					0.975		0.976	0.976
2.0		0.977						0.980	0.981	0.981
2.1	0.982	0.982	0.982	0.983	0.983	0.984	0.984	0.984	0.985	0.985
2.2		0.986					0.987		-	0.988
2.3		0.989					0.990			0.991
2.4		0.991	0.991	0.992			0.992		0.993	0.993
2.5							0.994			0.994
2.6		0.995					0.995			
2.7		0.996			-		0.996			0.997
2.8		0.997					0.997			
2.9		0.998		0.998			0.998		0.998	
3.0		0.998					0.998			
3.1		0.998					0.999			0.999
3.2		0.999					0.999			0.999
3.3		0.999					0.999			0.999
3.4		0.999					0.999			0.999
3.5		0.999				0.999		1.000	1.000	1.000
3.6		1.000					1.000		1.000	1.000
3.7				1.000			1.000		1.000	1.000
3.8 3.9		1.000		1.000		1.000		1.000	1.000	1.000
4.0		1.000		1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1		1.000	1.000		1.000		1.000	1.000	1.000	1.000
4.2		1.000			1.000		1.000	1.000	1.000	1.000
4.3		1.000		1.000		1,000		1.000		1.000
700	1.000	1.000	1.000	1.000	1.000	1,000	F = 0 0 0	1.000	1.000	F • 000

# ALPHA = INFINITY

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.536
0.1				0.552						
0.2				0.591			0.603			
0.3				0.629						
0-4				0.666						
0.5	0.692	0.695	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.722
0.6	0.726	0.729	0.732	0.736	0.739	0.742	0.745	0.749	0.752	0.755
0.7	0.758	0.761	0.764	0.767	0.770	0.773	0.776	0.779	0.782	0.785
0.8				0.797		0.802	0.805	0.808	0.811	0.813
0.9	0.816	0.819	0.821	0.824	0.826	0.829	0.832	0.834	0.836	0.839
1.0	0.841	0.844	0.846	0.848	0.851	0.853	0.855	0.858	0.860	0.862
1.1	0.864	0.866	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883
1.2	0.885	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.900	0.902
1.3		0.905					0.913			
1.4				0,924						
1.5				0.937						
1.6				0.948						
1.7				0.958						
1.8				0.966						
1.9				0.973						
2.0				0.979						0.982
2.1				0.983						
2.2				0.987						
2.3				0.990						
2-4				0.492						
2.5				0.994						
2.6				0.996						
2.7				0.997						
2.8				0.998						
2.9				0.998			0.998			
3.0		0.999					0.999			
3.1		0.999					0.999		0.999	
3.2							0.999			
3.3		0.999				1.000			1.000	
3.4		1.000			1.000		1.000		1.000	
3.5		1.000				1.000			1.000	
3.6		1.000			1.000		1.000			1.000
3.7		1.000				1.000		-		1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	T * 000	1.000	1.000	1.000

### APPENDIX C

# Interspectral Relations for Wave Properties

Let R(x,z,t) and S(x,z,t) be two real stochastic processes which are covariance stationary in the arguments x and t but not in z, and which have zero means. The cross-covariances are then defined by

$$C_{RS}(\tau, h, z_1, z_2) = E[R(x, z_1, t)S(x+h, z_2, t+\tau)]$$
 (C.1)

$$C_{SR}(\tau, h, z_1, z_2) = E[S(x, z_1, t)R(x+h, z_2, t+\tau)]$$
 (C.2)

The symbol  $E[\, \cdot \, ]$  is an operator defined on functions of some random vector V and is given by

$$E[g(V)] = \int_{-\infty}^{\infty} g(V) dF_{V}$$

where  $F_V$  is the joint distribution of the random vector V. The operator E[g] essentially "averages" the function g with respect to the probability law  $F_V$  of V.

In the first case (C.1)  $F_V$  is the joint distribution function of the two random variables  $R(x,z_1,t)$  and  $S(x+h,z_2,t+\tau)$ , and in the second case (C.2) the joint distribution function of  $S(x,z_1,t)$  and  $R(x+h,z_2,t+\tau)$ .

The cross-spectral density of R and S is defined by

$$P_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) e^{-2\pi i f \tau} d\tau$$
 (C.3)

i.e., the Fourier transform of  $C_{R,S}$ .

The co- and quadrature spectral densities are defined as

$$c_{R,S}^{(f, h, z_1, z_2)} = \text{Real part of } P_{R,S}^{(f, h, z_1, z_2)}$$
 $q_{R,S}^{(f, h, z_1, z_2)} = -\text{Imaginary part of } P_{R,S}^{(f, h, z_1, z_2)}$ 

or

$$c_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) \cos(2\pi f \tau) d\tau$$
 (C.4)

$$q_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) \sin(2\pi f \tau) d\tau$$
. (C.5)

The inversion theorem for Fourier transforms then gives

$$C_{R,S}(\tau, h, z_1, z_2) = 2 \int_0^\infty c_{R,S}(f, h, z_1, z_2) \cos(2\pi f \tau) df$$

$$+ 2 \int_0^\infty q_{R,S}(f, h, z_1, z_2) \sin(2\pi f \tau) df \qquad (C.6)$$

$$= \int_0^\infty P_{R,S}(f, h, z_1, z_2) e^{2\pi i f \tau} df.$$

From these relations (C.1)-(C.6) many symmetry properties may be derived. Among these properties are:

$$C_{S,R}(\tau, h, z_1, z_2) = C_{R,S}(-\tau, -h, z_2, z_1)$$
 (C.7)

$$c_{S,R}(f, h, z_1, z_2) = c_{R,S}(f, -h, z_2, z_1)$$
 (C.8)

$$q_{S,R}(f, h, z_1, z_2) = -q_{R,S}(f, -h, z_2, z_1)$$
 (C.9)

$$P_{S,R}(f, h, z_1, z_2) = \overline{P_{R,S}(f, -h, z_2, z_1)}$$
 (C.10)

If R = S,  $z_1 = z_2 = z$ , and h = 0, then these equations reduce to

$$P_{R}(f;z) = 2 \int_{0}^{\infty} C_{R}(\tau;z) \cos(2\pi f \tau) d\tau \qquad (C.3')$$

$$C_{R}(\tau,z) = 2 \int_{0}^{\infty} P_{R}(f,z) \cos(2\pi f \tau) df \qquad (C.6')$$

which are the usual formulas (Blackman and Tukey, 1965) for the spectral densities.

If the variance of the stochastic process is desired it may be obtained by relation  $var(R) = C_{R,R}(0)$  or from (C.6')

$$var(R) = 2 \int_{0}^{\infty} P_{R}(f) df \qquad (C.6")$$

In particular for  $\sigma^2$  and  $\rho^2$  from the table following

$$P_{\mathbf{V}}(f) = P_{\eta}(f)(2\pi f)^2 \cosh^2 kz/\sinh^2 kd$$

$$P_{\mathbf{a}}(f) = P_{\eta}(f)(2\pi f)^4 \cosh^2 kz/\sinh^2 kd$$

In the tables to follow, the cross spectral densities are given for the surface profile,  $\Pi(x,t)$ ; water pressure deviation from mean,  $P_0(x,z,t)$ ; as well as the horizontal and vertical components of water particle velocity and acceleration,  $V_x(x,z,t)$ ,  $V_z(x,z,t)$ ,  $A_x(x,z,t)$ ,  $A_z(x,z,t)$ . The densities for the arguments reversed can be found through the use of the symmetry relations (C.7)-(C.9).

For example  $P_{oV_x}(f,h,z_1,z_2)$  for shallow water. The table entry is

$$P_{\eta}(f)W(2\pi f) \xrightarrow{\cosh kz_1 \cosh kz_2} \begin{pmatrix} \cos kh \\ \sinh kd \end{pmatrix}$$

which means that

$$c_{p_0,V_{\mathbf{x}}}(f,h,z_1,z_2) = P_{\eta}(f)W(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \cos kh$$

and

$$q_{p_0,V_x}(f,h,z_1,z_2) = P_{\eta}(f)w(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \sin kh$$

## Note:

W = specific weight of water

 $k = wave number (2\pi f)^2 = kg tanh kd$ 

Table III. Spectral Formulas

# Cross Spectral Densities

Varia R	bles S	Shallow water (z measured from sea floor upwards)	Deep water (z measured from water surface downward)
η	η	Pη(f) (cos kh sin kh)	Pη(f) (cos kh sin kh)
η	Po	P <sub>η</sub> (f)W cosh kz <sub>2</sub> (cos kh) sin kh)	$P_{\eta}(f)W \exp(-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
η	v <sub>x</sub>	$P_{\eta}(f)(2\pi f) \frac{\cosh kz_2}{\sinh kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f) \exp(-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
η	v <sub>z</sub>	$P_{\eta}(f)(2\pi f) \frac{\sinh kz_2}{\sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)\exp(-kz_2)\begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
η	a x	$P_{\eta}(f)(2\pi f)^2 \frac{\cosh kz_2}{\sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
η	a <sub>z</sub>	$P_{\eta}(f)(2\pi f)^2 \frac{\sinh kz_2}{\sinh kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
Po	P <sub>o</sub>	$P_{\eta}(f)W^{2} \frac{\cosh kz_{1} \cosh kz_{2}}{\cosh^{2} kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)W^2 \exp(-kz_1-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
P <sub>o</sub>	v <sub>x</sub>	$P_{\eta}(f)W(2\pi f) \xrightarrow{\cosh kz_1 \cosh kz_2} \begin{pmatrix} \cos kh \\ \sinh kd \end{pmatrix}$	$P_{\eta}(f)W(2\pi f)\exp(-kz_1-kz_2)\begin{pmatrix}\cos kh\\\sin kh\end{pmatrix}$

Table III. Cont'd.

Varia R	ables S	<u>Shallow</u> <u>water</u>	Deep water
Р <sub>о</sub>	v <sub>z</sub>	$P_{\eta}(f)W(2\pi f) \xrightarrow{\cosh kz_1 \sinh kz_2} \begin{pmatrix} -\sin kh \\ \cosh kd \sinh kd \end{pmatrix} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)W(2\pi f)\exp(-kz_1-kz_2)$ $\begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
P <sub>o</sub>	a x	$P_{\eta}(f)W(2\pi f)^{2} \frac{\cosh kz_{1} \cosh kz_{2}}{\cosh kd \sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)W(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
р <sub>о</sub>	a z	$P_{\eta}(f)W(2\pi f)^2 \frac{\cosh kz_1 \sinh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_{\eta}(f)W(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
v <sub>x</sub>	v <sub>x</sub>	$P_{\eta}(f)(2\pi f)^{2} \frac{\cosh kz_{1} \cosh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
v <sub>x</sub>	$v_{z}$	$P_{\eta}(f)(2\pi f)^{2} \frac{\cosh kz_{1} \sinh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_1-kz_2)$ $\begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
v <sub>x</sub>	a x	$P_{\eta}(f)(2\pi f)^{3} \frac{\cosh kz_{1} \cosh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
v <sub>x</sub>	a z	$P_{\eta}(f)(2\pi f)^{3} \frac{\cosh kz_{1} \sinh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
v <sub>z</sub>	v <sub>z</sub>	$P_{\eta}(f)(2\pi f)^{2} \frac{\sinh kz_{1} \sinh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^{2} \exp(-kz_{1}-kz_{2}) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
v <sub>z</sub>	a x	$P_{\eta}(f)(2\pi f)^{2} \frac{\sinh kz_{1} \sinh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$ $P_{\eta}(f)(2\pi f)^{3} \frac{\sinh kz_{1} \cosh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	

Table III. Cont'd.

Varia		Shallow water	Deep water
	<u>s</u>		
v <sub>z</sub>	a z	$P_{\eta}(f)(2\pi f)^{3} \frac{\sinh kz_{1} \sinh kz_{2}}{\sinh^{2} kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
a <sub>x</sub>	a <sub>x</sub>	$P_{\eta}(f)(2\pi f)^4 \frac{\cosh kz_1 \cosh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^{4} \exp(-kz_{1}-kz_{2}) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
a <sub>x</sub>	a <sub>z</sub>	$P_{\eta}(f)(2\pi f)^4 \frac{\cosh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^4 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
• <sub>z</sub>	a <sub>z</sub>	$P_{\eta}(f)(2\pi f)^4 \frac{\sinh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^{4} \exp(-kz_{1}-kz_{2}) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$

### APPENDIX D

# Tables for Method of Moments Estimation

Table IV. Values of  $Q(\alpha)$ ,  $T(\alpha)$ , and  $R(\alpha)$  for the method of moments with m=0

$$Q(\alpha) = \overline{\phi^4} / \overline{(\phi^2)}^2$$

$$T(\alpha) = 4\alpha^2 / (4\alpha^2 + 3)$$

$$R(\alpha) = 1/(4\alpha^2 + 3)$$

For the values of  $\alpha$  of the table of densities

$$\rho^2 K^2 = \overline{\phi^2} \cdot T$$

$$c^2\sigma^4 = \overline{\phi^2} \cdot R$$

Table V. The function  $R_1(Y,\alpha/Y)$  for the method of moments with m  $\neq 0$ 

$$R_1(\gamma,\alpha/\gamma) = (\overline{\phi})^2/\overline{\phi^2}$$

Table VI. The function  $R_2(Y,\alpha/Y)$  for the method of moments with  $m \neq 0$ 

$$R_2(\gamma,\alpha/\gamma) = (\overline{\phi^2})^2/\overline{\phi^4}$$

Q	ALPHA	T	R
11.667	.00	0.000	0.3333
11.664	.01	0.000	0.3333
11.657	.02	0.001	0.3332
11.646	.03	0.001	0.3329
11.630	.04	0.002	0.3326
11.609	.05	0.003	0.3322
11.584	.06	0.005	0.3317
11.555	.07	0.006	0.3312
11.521	.08	0.008	0.3305
11.482	.09	0.011	0.3298
11.440	.10	0.013	0.3289
11.394	.11	0.016	0.3280
11.343	.12	0.019	0.3271
11.289	.13	0.022	0.3260
11.231	.14	0.025	0.3248
11.169	.15	0.029	0.3236
11.104	.16	0.033	0.3233
11.035	.17	0.037	0.3210
10.964	.18	0.037	0.3210
10.889	.19	0.041	0.3190
10.81	.20	0.040	0.3165
10.64	.22	0.031	0.3131
10.474	.24	0.001	
10.293	.26	0.071	0.3096
10.293	.28		0.3058
9.909		0.095	0.3018 0.2976
9.709	.30	0.107	
9.506	.32	0.120	0.2933
9.301	.34	0.134	0.2888
	.36	0.147	0.2842
9.094 8.887	.38	0.161	0.2795
8.373	.40	0.176	0.2747
7.875	•45 50	0.213	0.2625
	•50	0.250	0.2500
7.401	•55	0.287	0.2375
6.957	.60	0.324	0.2252
6.546	.65	0.360	0.2132
6.171	.70	0.395	0.2016
5.830	.75	0.429	0.1905
5.523	.80	0.460	0.1799
5.248	.85	0.491	0.1698
5.003	.90	0.519	0.1603
4.785	.95	0.546	0.1513
4.592	1.00	0.571	0.1429
4.269	1.10	0.617	0.1276
4.016	1.20	0.658	0.1142
3.819	1.30	0.693	0.1025
3.664	1.40	0.723	0.0923
3.542	1.50	0.750	0.0833
3.445	1.60	0.773	0.0755
3.368	1.70	0.794	0.0687
3.306	1.80	0.812	0.0627
3.256	1.90	0.828	0.0573
3.0	INFINITY	1.0	0
	-14	50 -	

Table V The function  $R_1$  (y,  $\alpha/\gamma)$  for the Method of Moments with M  $\neq$  0

10.0	.962	.953	.927	.887	.836	.778	.718	.658	009.	.545	.495	.408	.338	.282	.237	.202	.173	•	•	.115	.101	090.	.010
9.0	.954	.943	.912	.864	908.	.741	.675	.610	.550	767.	777.	.359	.293	.242	.202	.170	.145	.125	.109	.095	.084	.049	.008
8.0	.942	.929	.892	.835	.767	.695	.622	.554	.492	.437	.388	308	. 248	.202	.168	.140	.119	.102	.088	.077	.068	.040	.007
7.0	.927	.910	.864	962.	. 718	.637	.560	067.	.428	.375	.329	.256	.203	.164	.135	.112	960.	.081	.070	.061	.053	.031	.005
0.9	. 904	.883	.825	. 744	.655	. 567	.487	.418	.358	.309	. 268	.204	.160	.128	.104	980.	.072	.062	.053	970.	.040	.023	700
5.0	698.	.842	.770	.674	.574	.482	.403	.338	.284	.241	. 206	.154	.119	760.	920.	.063	.052	.044	.038	.033	.029	.017	.003
0.4	.814	.779	069.	.579	.473	.383	.310	.254	.210	.175	.148	.109	.083	.065	.052	.043	.036	.030	.026	.022	.020	.011	.002
3.0	. 725	.680	.575	.457	.355	.276	.216	.173	.140	.115	960.	.070	.053	.041	.033	.027	.022	610.	.016	.014	.012	.007	.001
2.5	099.	.612	. 502	.387	.292	.223	.172	.136	.110	060.	.075	.054	040.	.031	.025	.020	.017	.014	.012	.010	600.	.005	.001
2.0	.579	.530	.422	.315	.233	.174	.133	.104	.083	.068	950.	070.	.030	.023	.019	.015	.013	.011	600.	800.	.007	.004	.001
1.5	924.	.431	.336	.246	.178	.132	.100	.078	.062	050	.042	.030	.022	.017	.014	.011	600.	800.	.007	900.	.005	.003	000
1.0	.342	.311	.244	.180	.132	860.	720.	.058	970.	.038	.031	.022	.017	.013	.010	800.	.007	900.	.005	<b>,</b> 004	.004	.002	000
0.5	.151	.143	.124	.101	.081	790.	.051	.041	.034	.028	.023	.017	.013	.010	.008	.007	900.	.005	<b>700</b> .	.003	.003	.002	000
ζ/λ/α	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	0.4	-15		0.9	7.0	8.0	0.6	10.0	11.0	12.0	13.0	14.0	15.0	20.0	50.0

Table VI The function  $R_2$  ( $\gamma$ ,  $\alpha/\gamma$ ) for the Method of Moments with M  $\neq$  0

		•	?	۴.0	•	•	; ;	) 1	•	•		•	•
0.0		.131	.189	.257	.328	.398	.523	.624	. 701	. 760	.804	.838	.864
0.5	-	.146	.205	.267	.329	.389	667.	.592	.667	.727	.773	.810	.839
1.0		.186	.242	. 288	.330	.371	.451	. 526	. 593	.651	. 700	. 741	922.
1.5		.233	.277	306	.332	.356	. 408	.463	.518	. 569	.617	629.	169.
2.0	·	.271	.301	.318	.332	.347	.380	.418	097.	.503	. 544	. 584	.622
2.5	·	.296	.315	.325	.333	.341	.362	.389	.420	.454	.489	. 524	.558
3.0		.311	.322	.328	.333	,338	.352	.370	.393	.419	.448	.477	.507
3.5		.319	.327	.330	,333	.336	346	.358	.375	.396	.418	. 442	897.
		.324	.329	.331	.333	.335	.342	.351	.363	.379	.397	.417	.438
5.4	·	.327	.330	.332	,333	.335	.339	.346	.355	.367	.381	.398	.415
		.329	.331	.332	.333	.334	.337	.342	.349	.359	.370	.383	.398
6.0		.331	.332	.333	.333	.334	.336	.338	.342	348	.356	.364	.375
7.0		.332	.333	.333	.333	.334	.335	.336	333	.343	.347	.354	.361
8.0		.333	.333	.333	.333	,334	.334	.335	.337	.339	.343	.347	.352
9.0		.333	.333	.333	.333	.333	.334	.334	.336	.337	.340	.343	.346
		.333	.333	.333	,333	.333	.334	.334	.335	.336	.338	.340	.343
		.333	.333	.333	.333	.333	,334	.334	.334	.335	.336	.338	.340
		.333	.333	,333	.333	.333	.334	,334	, 334	.335	.336	.337	.338
		.333	.333	.333	,333	.333	.334	, 334	.334	.334	.335	.336	.337
		.333	.333	.333	.333	.333	,333	,334	.334	.334	.335	.335	.335
		.333	.333	.333	.333	.333	.333	.334	.334	.334	.334	.335	.336
20.0	.333	.333	.333	.333	.333	.333	.333	.333	.333	.334	.334	.334	.334
		.333	.333	.333	, 333	.333	,333	.333	.333	.333	.333	.333	.333

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